Appendix B:
Air Quality and Greenhouse Gas Supporting Information

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Appendix B: Air Quality Supporting Information and Modeling Results

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Maximum Daily Construction Emissions

Maximum Daily Construction Emissions (Summer Season)
Trails at Corona 2025 - Riverside-South Coast County, Summer
CalEEMod Run: Summer Date: 11/1/2021 3:52 PM

Construction Activity				Maximum Pounds per Day					
				VOC	NO_x	CO	SO_x	PM_{10} (Total)	$PM_{2.5}$ (Total)
Phase 1 Demolition (2022)	Start Date	4/1/2022	On-Site	2.6392	25.7194	20.5941	0.0388	1.2786	1.1607
	End Date	5/1/2022	Off-Site	0.0602	0.0836	0.6072	0.0017	0.1752	0.0474
	Workdays	31	**Total**	**2.6994**	**25.8030**	**21.2013**	**0.0405**	**1.4538**	**1.2081**
Phase 1 Site Preparation (2022)	Start Date	5/2/2022	On-Site	3.1701	33.0835	19.6978	0.0380	10.4582	6.0297
	End Date	7/30/2022	Off-Site	0.0709	0.0460	0.7166	0.0018	0.2022	0.0543
	Workdays	90	**Total**	**3.2410**	**33.1295**	**20.4144**	**0.0398**	**10.6604**	**6.0840**
Phase 2 Site Preparation (2022)	Start Date	7/31/2022	On-Site	3.1701	33.0835	19.6978	0.0380	10.4582	6.0297
	End Date	8/10/2022	Off-Site	0.0709	0.0460	0.7166	0.0018	0.2022	0.0543
	Workdays	11	**Total**	**3.2410**	**33.1295**	**20.4144**	**0.0398**	**10.6604**	**6.0840**
Phase 1 Grading (2022)	Start Date	7/31/2022	On-Site	3.6248	38.8435	29.0415	0.0621	5.8165	3.1544
	End Date	12/31/2022	Off-Site	0.2405	4.5124	2.5848	0.0182	0.6938	0.2146
	Workdays	154	**Total**	**3.8653**	**43.3559**	**31.6263**	**0.0803**	**6.5103**	**3.3690**
Phase 1 Grading (2023)	Start Date	1/1/2023	On-Site	3.3217	34.5156	28.0512	0.0621	5.6061	2.9608
	End Date	1/3/2023	Off-Site	0.2110	3.7644	2.5647	0.0174	0.6866	0.2078
	Workdays	3	**Total**	**3.5327**	**38.2800**	**30.6159**	**0.0795**	**6.2927**	**3.1686**
Phase 2 Grading (2022)	Start Date	8/11/2022	On-Site	3.6248	38.8435	29.0415	0.0621	5.7765	3.1483
	End Date	9/1/2022	Off-Site	0.0788	0.0511	0.7962	0.0020	0.2247	0.0603
	Workdays	22	**Total**	**3.7036**	**38.8946**	**29.8377**	**0.0641**	**6.0012**	**3.2086**
Phase 2 Building Construction (2022)	Start Date	9/2/2022	On-Site	1.7062	15.6156	16.3634	0.0269	0.8090	0.7612
	End Date	12/31/2022	Off-Site	4.1116	16.1058	40.9806	0.1517	12.4979	3.5325
	Workdays	121	**Total**	**5.8178**	**31.7214**	**57.3440**	**0.1786**	**13.3069**	**4.2937**
Phase 2 Building Construction (2023)	Start Date	1/1/2023	On-Site	1.5728	14.3849	16.2440	0.0269	0.6997	0.6584
	End Date	4/20/2023	Off-Site	3.6864	12.7014	37.6431	0.1463	12.3888	3.4283
	Workdays	110	**Total**	**5.2592**	**27.0863**	**53.8871**	**0.1732**	**13.0885**	**4.0867**
Phase 1 Building Construction (2023)	Start Date	1/4/2023	On-Site	1.5728	14.3849	16.2440	0.0269	0.6997	0.6584
	End Date	12/31/2023	Off-Site	3.6864	12.7014	37.6431	0.1463	12.3888	3.4283
	Workdays	362	**Total**	**5.2592**	**27.0863**	**53.8871**	**0.1732**	**13.0885**	**4.0867**
Phase 1 Building Construction (2024)	Start Date	1/1/2024	On-Site	1.4716	13.4438	16.1668	0.0270	0.6133	0.5769
	End Date	9/30/2024	Off-Site	3.4547	12.4782	35.4237	0.1426	12.3859	3.4257
	Workdays	274	**Total**	**4.9263**	**25.9220**	**51.5905**	**0.1696**	**12.9992**	**4.0026**
Phase 2 Paving (2023)	Start Date	4/21/2023	On-Site	1.0327	10.1917	14.5842	0.0228	0.5102	0.4694
	End Date	5/11/2023	Off-Site	0.0548	0.0338	0.5488	0.0015	0.1685	0.0452
	Workdays	21	**Total**	**1.0875**	**10.2255**	**15.1330**	**0.0243**	**0.6787**	**0.5146**
Phase 2 Architectural Coating (2023)	Start Date	5/12/2023	On-Site	68.7762	1.3030	1.8111	0.0030	0.0708	0.0708
	End Date	6/2/2023	Off-Site	0.6645	0.4106	6.6589	0.0179	2.0438	0.5483
	Workdays	22	**Total**	**69.4407**	**1.7136**	**8.4700**	**0.0209**	**2.1146**	**0.6191**
Phase 1 Paving (2024)	Start Date	10/1/2024	On-Site	0.9882	9.5246	14.6258	0.0228	0.4685	0.4310
	End Date	12/31/2024	Off-Site	0.0510	0.0301	0.5130	0.0014	0.1684	0.0452
	Workdays	92	**Total**	**1.0392**	**9.5547**	**15.1388**	**0.0242**	**0.6369**	**0.4762**
Phase 1 Paving (2025)	Start Date	1/1/2025	On-Site	0.9152	8.5816	14.5780	0.0228	0.4185	0.3850
	End Date	1/19/2025	Off-Site	0.0477	0.0270	0.4771	0.0014	0.1684	0.0451
	Workdays	19	**Total**	**0.9629**	**8.6086**	**15.0551**	**0.0242**	**0.5869**	**0.4301**
Phase 1 Architectural Coating (2025)	Start Date	1/20/2025	On-Site	75.4313	1.1455	1.8091	0.0030	0.0515	0.0515
	End Date	4/4/2025	Off-Site	0.5786	0.3278	5.7887	0.0167	2.0429	0.5474
	Workdays	75	**Total**	**76.0099**	**1.4733**	**7.5978**	**0.0197**	**2.0944**	**0.5989**

Maximum Daily Construction Emissions

Maximum Daily Construction Emissions (Summer Season)
Trails at Corona 2025 - Riverside-South Coast County, Summer
CalEEMod Run: Summer Date: 11/1/2021 3:52 PM

Construction Activity				Maximum Pounds per Day					
				VOC	NO_x	CO	SO_x	PM_{10} (Total)	$PM_{2.5}$ (Total)
Phase 1 Demolition (2022)	Start Date	4/1/2022	On-Site	2.6392	25.7194	20.5941	0.0388	1.2786	1.1607
	End Date	5/1/2022	Off-Site	0.0602	0.0836	0.6072	0.0017	0.1752	0.0474
	Workdays	31	**Total**	**2.6994**	**25.8030**	**21.2013**	**0.0405**	**1.4538**	**1.2081**
Phase 1 Site Preparation (2022)	Start Date	5/2/2022	On-Site	3.1701	33.0835	19.6978	0.0380	10.4582	6.0297
	End Date	7/30/2022	Off-Site	0.0709	0.0460	0.7166	0.0018	0.2022	0.0543
	Workdays	90	**Total**	**3.2410**	**33.1295**	**20.4144**	**0.0398**	**10.6604**	**6.0840**
Phase 2 Site Preparation (2022)	Start Date	7/31/2022	On-Site	3.1701	33.0835	19.6978	0.0380	10.4582	6.0297
	End Date	8/10/2022	Off-Site	0.0709	0.0460	0.7166	0.0018	0.2022	0.0543
	Workdays	11	**Total**	**3.2410**	**33.1295**	**20.4144**	**0.0398**	**10.6604**	**6.0840**
Phase 1 Grading (2022)	Start Date	7/31/2022	On-Site	3.6248	38.8435	29.0415	0.0621	5.8165	3.1544
	End Date	12/31/2022	Off-Site	0.2405	4.5124	2.5848	0.0182	0.6938	0.2146
	Workdays	154	**Total**	**3.8653**	**43.3559**	**31.6263**	**0.0803**	**6.5103**	**3.3690**
Phase 1 Grading (2023)	Start Date	1/1/2023	On-Site	3.3217	34.5156	28.0512	0.0621	5.6061	2.9608
	End Date	1/3/2023	Off-Site	0.2110	3.7644	2.5647	0.0174	0.6866	0.2078
	Workdays	3	**Total**	**3.5327**	**38.2800**	**30.6159**	**0.0795**	**6.2927**	**3.1686**
Phase 2 Grading (2022)	Start Date	8/11/2022	On-Site	3.6248	38.8435	29.0415	0.0621	5.7765	3.1483
	End Date	9/1/2022	Off-Site	0.0788	0.0511	0.7962	0.0020	0.2247	0.0603
	Workdays	22	**Total**	**3.7036**	**38.8946**	**29.8377**	**0.0641**	**6.0012**	**3.2086**
Phase 2 Building Construction (2022)	Start Date	9/2/2022	On-Site	1.7062	15.6156	16.3634	0.0269	0.8090	0.7612
	End Date	12/31/2022	Off-Site	4.1116	16.1058	40.9806	0.1517	12.4979	3.5325
	Workdays	121	**Total**	**5.8178**	**31.7214**	**57.3440**	**0.1786**	**13.3069**	**4.2937**
Phase 2 Building Construction (2023)	Start Date	1/1/2023	On-Site	1.5728	14.3849	16.2440	0.0269	0.6997	0.6584
	End Date	4/20/2023	Off-Site	3.6864	12.7014	37.6431	0.1463	12.3888	3.4283
	Workdays	110	**Total**	**5.2592**	**27.0863**	**53.8871**	**0.1732**	**13.0885**	**4.0867**
Phase 1 Building Construction (2023)	Start Date	1/4/2023	On-Site	1.5728	14.3849	16.2440	0.0269	0.6997	0.6584
	End Date	12/31/2023	Off-Site	3.6864	12.7014	37.6431	0.1463	12.3888	3.4283
	Workdays	362	**Total**	**5.2592**	**27.0863**	**53.8871**	**0.1732**	**13.0885**	**4.0867**
Phase 1 Building Construction (2024)	Start Date	1/1/2024	On-Site	1.4716	13.4438	16.1668	0.0270	0.6133	0.5769
	End Date	9/30/2024	Off-Site	3.4547	12.4782	35.4237	0.1426	12.3859	3.4257
	Workdays	274	**Total**	**4.9263**	**25.9220**	**51.5905**	**0.1696**	**12.9992**	**4.0026**
Phase 2 Paving (2023)	Start Date	4/21/2023	On-Site	1.0327	10.1917	14.5842	0.0228	0.5102	0.4694
	End Date	5/11/2023	Off-Site	0.0548	0.0338	0.5488	0.0015	0.1685	0.0452
	Workdays	21	**Total**	**1.0875**	**10.2255**	**15.1330**	**0.0243**	**0.6787**	**0.5146**
Phase 2 Architectural Coating (2023)	Start Date	5/12/2023	On-Site	68.7762	1.3030	1.8111	0.0030	0.0708	0.0708
	End Date	6/2/2023	Off-Site	0.6645	0.4106	6.6589	0.0179	2.0438	0.5483
	Workdays	22	**Total**	**69.4407**	**1.7136**	**8.4700**	**0.0209**	**2.1146**	**0.6191**
Phase 1 Paving (2024)	Start Date	10/1/2024	On-Site	0.9882	9.5246	14.6258	0.0228	0.4685	0.4310
	End Date	12/31/2024	Off-Site	0.0510	0.0301	0.5130	0.0014	0.1684	0.0452
	Workdays	92	**Total**	**1.0392**	**9.5547**	**15.1388**	**0.0242**	**0.6369**	**0.4762**
Phase 1 Paving (2025)	Start Date	1/1/2025	On-Site	0.9152	8.5816	14.5780	0.0228	0.4185	0.3850
	End Date	1/19/2025	Off-Site	0.0477	0.0270	0.4771	0.0014	0.1684	0.0451
	Workdays	19	**Total**	**0.9629**	**8.6086**	**15.0551**	**0.0242**	**0.5869**	**0.4301**
Phase 1 Architectural Coating (2025)	Start Date	1/20/2025	On-Site	75.4313	1.1455	1.8091	0.0030	0.0515	0.0515
	End Date	4/4/2025	Off-Site	0.5786	0.3278	5.7887	0.0167	2.0429	0.5474
	Workdays	75	**Total**	**76.0099**	**1.4733**	**7.5978**	**0.0197**	**2.0944**	**0.5989**

Maximum Daily Construction Emissions (Winter Season)

Trails at Corona 2025 - Riverside-South Coast County, Winter

CalEEMod Run: Winter Date: 11/1/2021 3:53 PM

Construction Activity				Maximum Pounds per Day					
				VOC	NO_x	CO	SO_x	PM_{10} (Total)	$PM_{2.5}$ (Total)
Phase 1 Demolition (2022)	Start Date	4/1/2022	On-Site	2.6392	25.7194	20.5941	0.0388	1.2786	1.1607
	End Date	5/1/2022	Off-Site	0.0563	0.0876	0.4943	0.0016	0.1752	0.0474
	Workdays	31	**Total**	**2.6955**	**25.8070**	**21.0884**	**0.0404**	**1.4538**	**1.2081**
Phase 1 Site Preparation (2022)	Start Date	5/2/2022	On-Site	3.1701	33.0835	19.6978	0.0380	10.4582	6.0297
	End Date	7/30/2022	Off-Site	0.0662	0.0477	0.5807	0.0017	0.2022	0.0543
	Workdays	90	**Total**	**3.2363**	**33.1312**	**20.2785**	**0.0397**	**10.6604**	**6.0840**
Phase 2 Site Preparation (2022)	Start Date	7/31/2022	On-Site	3.1701	33.0835	19.6978	0.0380	10.4582	6.0297
	End Date	8/10/2022	Off-Site	0.0662	0.0477	0.5807	0.0017	0.2022	0.0543
	Workdays	11	**Total**	**3.2363**	**33.1312**	**20.2785**	**0.0397**	**10.6604**	**6.0840**
Phase 1 Grading (2022)	Start Date	7/31/2022	On-Site	3.6248	38.8435	29.0415	0.0621	5.8165	3.1544
	End Date	12/31/2022	Off-Site	0.2221	4.7773	2.5026	0.0181	0.6939	0.2147
	Workdays	154	**Total**	**3.8469**	**43.6208**	**31.5441**	**0.0802**	**6.5104**	**3.3691**
Phase 1 Grading (2023)	Start Date	1/1/2023	On-Site	3.3217	34.5156	28.0512	0.0621	5.6061	2.9608
	End Date	1/3/2023	Off-Site	0.1909	4.0232	2.4783	0.0173	0.6868	0.2079
	Workdays	3	**Total**	**3.5126**	**38.5388**	**30.5295**	**0.0794**	**6.2929**	**3.1687**
Phase 2 Grading (2022)	Start Date	8/11/2022	On-Site	3.6248	38.8435	29.0415	0.0621	5.7765	3.1483
	End Date	9/1/2022	Off-Site	0.0736	0.0530	0.6453	0.0018	0.2247	0.0603
	Workdays	22	**Total**	**3.6984**	**38.8965**	**29.6868**	**0.0639**	**6.0012**	**3.2086**
Phase 2 Building Construction (2022)	Start Date	9/2/2022	On-Site	1.7062	15.6156	16.3634	0.0269	0.8090	0.7612
	End Date	12/31/2022	Off-Site	3.8531	16.9318	34.3048	0.1431	12.4984	3.5330
	Workdays	121	**Total**	**5.5593**	**32.5474**	**50.6682**	**0.1700**	**13.3074**	**4.2942**
Phase 2 Building Construction (2023)	Start Date	1/1/2023	On-Site	1.5728	14.3849	16.2440	0.0269	0.6997	0.6584
	End Date	4/20/2023	Off-Site	3.4511	13.4230	31.5389	0.1381	12.3891	3.4286
	Workdays	110	**Total**	**5.0239**	**27.8079**	**47.7829**	**0.1650**	**13.0888**	**4.0870**
Phase 1 Building Construction (2023)	Start Date	1/4/2023	On-Site	1.5728	14.3849	16.2440	0.0269	0.6997	0.6584
	End Date	12/31/2023	Off-Site	3.4511	13.4230	31.5389	0.1381	12.3891	3.4286
	Workdays	362	**Total**	**5.0239**	**27.8079**	**47.7829**	**0.1650**	**13.0888**	**4.0870**
Phase 1 Building Construction (2024)	Start Date	1/1/2024	On-Site	1.4716	13.4438	16.1668	0.0270	0.6133	0.5769
	End Date	9/30/2024	Off-Site	3.2425	13.1913	29.7388	0.1346	12.3862	3.4260
	Workdays	274	**Total**	**4.7141**	**26.6351**	**45.9056**	**0.1616**	**12.9995**	**4.0029**
Phase 2 Paving (2023)	Start Date	4/21/2023	On-Site	1.0327	10.1917	14.5842	0.0228	0.5102	0.4694
	End Date	5/11/2023	Off-Site	0.0513	0.0351	0.4456	0.0013	0.1685	0.0452
	Workdays	21	**Total**	**1.0840**	**10.2268**	**15.0298**	**0.0241**	**0.6787**	**0.5146**
Phase 2 Architectural Coating (2023)	Start Date	5/12/2023	On-Site	68.7762	1.3030	1.8111	0.0030	0.0708	0.0708
	End Date	6/2/2023	Off-Site	0.6229	0.4260	5.4071	0.0162	2.0438	0.5483
	Workdays	22	**Total**	**69.3991**	**1.7290**	**7.2182**	**0.0192**	**2.1146**	**0.6191**
Phase 1 Paving (2024)	Start Date	10/1/2024	On-Site	0.9882	9.5246	14.6258	0.0228	0.4685	0.4310
	End Date	12/31/2024	Off-Site	0.0480	0.0313	0.4168	0.0013	0.1684	0.0452
	Workdays	92	**Total**	**1.0362**	**9.5559**	**15.0426**	**0.0241**	**0.6369**	**0.4762**
Phase 1 Paving (2025)	Start Date	1/1/2025	On-Site	0.9152	8.5816	14.5780	0.0228	0.4185	0.3850
	End Date	1/19/2025	Off-Site	0.0450	0.0280	0.3881	0.0013	0.1684	0.0451
	Workdays	19	**Total**	**0.9602**	**8.6096**	**14.9661**	**0.0241**	**0.5869**	**0.4301**
Phase 1 Architectural Coating (2025)	Start Date	1/20/2025	On-Site	75.4313	1.1455	1.8091	0.0030	0.0515	0.0515
	End Date	4/4/2025	Off-Site	0.5455	0.3399	4.7088	0.0152	2.0429	0.5474
	Workdays	75	**Total**	**75.9768**	**1.4854**	**6.5179**	**0.0182**	**2.0944**	**0.5989**

Maximum Between Summer and Winter

Construction Activity		Maximum Pounds per Day					
		VOC	NO_x	CO	SO_x	PM_{10} (Total)	$PM_{2.5}$ (Total)
Phase 1 Demolition (2022)	Total	2.70	25.81	21.20	0.04	1.45	1.21
Phase 1 Site Preparation (2022)	Total	3.24	33.13	20.41	0.04	10.66	6.08
Phase 2 Site Preparation (2022)	Total	3.24	33.13	20.41	0.04	10.66	6.08
Phase 1 Grading (2022)	Total	3.87	43.62	31.63	0.08	6.51	3.37
Phase 1 Grading (2023)	Total	3.53	38.54	30.62	0.08	6.29	3.17
Phase 2 Grading (2022)	Total	3.70	38.90	29.84	0.06	6.00	3.21
Phase 2 Building Construction (2022)	Total	5.82	32.55	57.34	0.18	13.31	4.29
Phase 2 Building Construction (2023)	Total	5.26	27.81	53.89	0.17	13.09	4.09
Phase 1 Building Construction (2023)	Total	5.26	27.81	53.89	0.17	13.09	4.09
Phase 1 Building Construction (2024)	Total	4.93	26.64	51.59	0.17	13.00	4.00
Phase 2 Paving (2023)	Total	1.09	10.23	15.13	0.02	0.68	0.51
Phase 2 Architectural Coating (2023)	Total	69.44	1.73	8.47	0.02	2.11	0.62
Phase 1 Paving (2024)	Total	1.04	9.56	15.14	0.02	0.64	0.48
Phase 1 Paving (2025)	Total	0.96	8.61	15.06	0.02	0.59	0.43
Phase 1 Architectural Coating (2025)	Total	76.01	1.49	7.60	0.02	2.09	0.60
	Season	Summer	Winter	Summer	Summer	Both	Both

Unmitigated Construction - Maximum Daily Emissions

Construction Activity	Phase	Dates		Maximum Pounds per Day					
		Start	End	VOC	NO_x	CO	SO_x	PM_{10} (Total)	$PM_{2.5}$ (Total)
Phase 1 Demolition (2022)	Phase 1	4/1/2022	5/1/2022	2.70	25.81	21.20	0.04	1.45	1.21
Phase 1 Site Preparation (2022)	Phase 1	5/2/2022	7/30/2022	3.24	33.13	20.41	0.04	10.66	6.08
Phase 2 Site Preparation (2022)	Phase 2	7/31/2022	8/10/2022	3.24	33.13	20.41	0.04	10.66	6.08
Phase 1 Grading (2022)	Phase 1	7/31/2022	12/31/2022	3.87	43.62	31.63	0.08	6.51	3.37
OVERLAPPING ACTIVITIES: 7/31/2022 - 8/10/2022 Daily Maximum				**7.11**	**76.75**	**52.04**	**0.12**	**17.17**	**9.45**
Phase 2 Grading (2022)	Phase 2	8/11/2022	9/1/2022	3.70	38.90	29.84	0.06	6.00	3.21
OVERLAPPING ACTIVITIES: 8/11/2022 - 9/1/2022 Daily Maximum				**7.57**	**82.52**	**61.46**	**0.14**	**12.51**	**6.58**
Phase 2 Building Construction (2022)	Phase 2	9/2/2022	12/31/2022	5.82	32.55	57.34	0.18	13.31	4.29
Phase 1 Grading (2023)	Phase 1	1/1/2023	1/3/2023	3.53	38.54	30.62	0.08	6.29	3.17
Phase 2 Building Construction (2023)	Phase 2	1/1/2023	4/20/2023	5.26	27.81	53.89	0.17	13.09	4.09
OVERLAPPING ACTIVITIES: 1/1/2023 - 1/3/2023 Daily Maximum				**8.79**	**66.35**	**84.50**	**0.25**	**19.38**	**7.26**
Phase 1 Building Construction (2023)	Phase 1	1/4/2023	12/31/2023	5.26	27.81	53.89	0.17	13.09	4.09
Phase 2 Paving (2023)	Phase 2	4/21/2023	5/11/2023	1.09	10.23	15.13	0.02	0.68	0.51
OVERLAPPING ACTIVITIES: 1/4/2023 - 5/11/2023 Daily Maximum				**11.61**	**65.84**	**122.91**	**0.37**	**26.86**	**8.69**
Phase 2 Architectural Coating (2023)	Phase 2	5/12/2023	6/2/2023	69.44	1.73	8.47	0.02	2.11	0.62
OVERLAPPING ACTIVITIES: 5/12/2023 - 12/31/2023 Daily Maximum				**74.70**	**29.54**	**62.36**	**0.19**	**15.20**	**4.71**
Phase 1 Building Construction (2024)	Phase 1	1/1/2024	9/30/2024	4.93	26.64	51.59	0.17	13.00	4.00
Phase 1 Paving (2024)	Phase 1	10/1/2024	12/31/2024	1.04	9.56	15.14	0.02	0.64	0.48
Phase 1 Paving (2025)	Phase 1	1/1/2025	1/19/2025	0.96	8.61	15.06	0.02	0.59	0.43
Phase 1 Architectural Coating (2025)	Phase 1	1/20/2025	4/4/2025	76.01	1.49	7.60	0.02	2.09	0.60

Construction Emission Summary	Maximum Pounds per Day					
	VOC	NO_x	CO	SO_x	PM_{10} (Total)	$PM_{2.5}$ (Total)
Daily Maximum Emissions	**76.01**	**82.52**	**122.91**	**0.37**	**26.86**	**9.45**
Dates of Maximum Daily Emissions	1/20/2025 - 4/4/2025	8/11/2022 - 9/1/2022	1/4/2023 - 5/11/2023	1/4/2023 - 5/11/2023	1/4/2023 - 5/11/2023	7/31/2022 - 8/10/2022
SCAQMD Significance Thresholds	**75**	**100**	**550**	**150**	**150**	**55**
Emissions Exceed Threshold?	Yes	No	No	No	No	No

Unmitigated Construction - Maximum Daily On-Site Emissions (Localized Significance Thresholds)

Construction Activity	Phase	Dates		Maximum Pounds per Day					
		Start	End	VOC	NO_x	CO	SO_x	PM_{10} (Total)	$PM_{2.5}$ (Total)
Phase 1 Demolition (2022)	Phase 1	4/1/2022	5/1/2022	2.64	25.72	20.59	0.04	1.28	1.16
Phase 1 Site Preparation (2022)	Phase 1	5/2/2022	7/30/2022	3.17	33.08	19.70	0.04	10.46	6.03
Phase 2 Site Preparation (2022)	Phase 2	7/31/2022	8/10/2022	3.17	33.08	19.70	0.04	10.46	6.03
Phase 1 Grading (2022)	Phase 1	7/31/2022	12/31/2022	3.62	38.84	29.04	0.06	5.82	3.15
OVERLAPPING ACTIVITIES: 7/31/2022 - 8/10/2022 Daily Maximum				**6.79**	**71.93**	**48.74**	**0.10**	**16.27**	**9.18**
Phase 2 Grading (2022)	Phase 2	8/11/2022	9/1/2022	3.62	38.84	29.04	0.06	5.78	3.15
OVERLAPPING ACTIVITIES: 8/11/2022 - 9/1/2022 Daily Maximum				**7.25**	**77.69**	**58.08**	**0.12**	**11.59**	**6.30**
Phase 2 Building Construction (2022)	Phase 2	9/2/2022	12/31/2022	1.71	15.62	16.36	0.03	0.81	0.76
Phase 1 Grading (2023)	Phase 1	1/1/2023	1/3/2023	3.32	34.52	28.05	0.06	5.61	2.96
Phase 2 Building Construction (2023)	Phase 2	1/1/2023	4/20/2023	1.57	14.38	16.24	0.03	0.70	0.66
OVERLAPPING ACTIVITIES: 1/1/2023 - 1/3/2023 Daily Maximum				**4.89**	**48.90**	**44.30**	**0.09**	**6.31**	**3.62**
Phase 1 Building Construction (2023)	Phase 1	1/4/2023	12/31/2023	1.57	14.38	16.24	0.03	0.70	0.66
Phase 2 Paving (2023)	Phase 2	4/21/2023	5/11/2023	1.03	10.19	14.58	0.02	0.51	0.47
OVERLAPPING ACTIVITIES: 1/4/2023 - 5/11/2023 Daily Maximum				**4.18**	**38.96**	**47.07**	**0.08**	**1.91**	**1.79**
Phase 2 Architectural Coating (2023)	Phase 2	5/12/2023	6/2/2023	68.78	1.30	1.81	0.00	0.07	0.07
OVERLAPPING ACTIVITIES: 5/12/2023 - 12/31/2023 Daily Maximum				**70.35**	**15.69**	**18.06**	**0.03**	**0.77**	**0.73**
Phase 1 Building Construction (2024)	Phase 1	1/1/2024	9/30/2024	1.47	13.44	16.17	0.03	0.61	0.58
Phase 1 Paving (2024)	Phase 1	10/1/2024	12/31/2024	0.99	9.52	14.63	0.02	0.47	0.43
Phase 1 Paving (2025)	Phase 1	1/1/2025	1/19/2025	0.92	8.58	14.58	0.02	0.42	0.39
Phase 1 Architectural Coating (2025)	Phase 1	1/20/2025	4/4/2025	75.43	1.15	1.81	0.00	0.05	0.05

On-Site Construction Emissions (Localized Significance Thresholds)

Construction Emission Summary	Maximum Pounds per Day					
	VOC	NO_x	CO	SO_x	PM_{10} (Total)	$PM_{2.5}$ (Total)
Daily Maximum On-Site Emissions	**75.43**	**77.69**	**58.08**	**0.12**	**16.27**	**9.18**
Dates of Maximum Daily Emissions	1/20/2025 - 4/4/2025	8/11/2022 - 9/1/2022	1/4/2023 - 5/11/2023	1/4/2023 - 5/11/2023	1/4/2023 - 5/11/2023	7/31/2022 - 8/10/2022
SCAQMD LSTs SRA 22 - Norco/Corona; 5-acre site, 25 meters from receptor	-	**270**	**1,700**	-	**12**	**8**
SCAQMD LSTs SRA 23 - Metropolitan Riverside County; 5-acre site, 25 meters from receptor	-	**270**	**1,577**	-	**13**	**8**
Emissions Exceed Threshold?	-	No	No	-	Yes	Yes

Maximum Daily MITIGATED Construction Emissions

Maximum Daily Construction Emissions (Summer Season)

Trails at Corona 2025 - MITIGATED Construction - Riverside-South Coast County, Summer

CalEEMod Run: Summer Date: 11/3/2021 8:45 AM

Construction Activity				Maximum Pounds per Day					
				VOC	NO_x	CO	SO_X	PM_{10} (Total)	$PM_{2.5}$ (Total)
Phase 1 Demolition (2022)	Start Date	4/1/2022	On-Site	0.4623	2.0032	23.2798	0.0388	0.0928	0.0664
	End Date	5/1/2022	Off-Site	0.0602	0.0836	0.6072	0.0017	0.1752	0.0474
	Workdays	31	**Total**	**0.5225**	**2.0868**	**23.8870**	**0.0405**	**0.2680**	**0.1138**
Phase 1 Site Preparation (2022)	Start Date	5/2/2022	On-Site	0.4656	2.0175	20.8690	0.0380	7.7283	4.0020
	End Date	7/30/2022	Off-Site	0.0709	0.0460	0.7166	0.0018	0.2022	0.0543
	Workdays	90	**Total**	**0.5365**	**2.0635**	**21.5856**	**0.0398**	**7.9305**	**4.0563**
Phase 2 Site Preparation (2022)	Start Date	7/31/2022	On-Site	0.4656	2.0175	20.8690	0.0380	7.7283	4.0020
	End Date	8/10/2022	Off-Site	0.0709	0.0460	0.7166	0.0018	0.2022	0.0543
	Workdays	11	**Total**	**0.5365**	**2.0635**	**21.5856**	**0.0398**	**7.9305**	**4.0563**
Phase 1 Grading (2022)	Start Date	7/31/2022	On-Site	0.7616	3.3000	32.9991	0.0621	3.7256	1.5318
	End Date	12/31/2022	Off-Site	0.2405	4.5124	2.5848	0.0182	0.6938	0.2146
	Workdays	154	**Total**	**1.0021**	**7.8124**	**35.5839**	**0.0803**	**4.4194**	**1.7464**
Phase 1 Grading (2023)	Start Date	1/1/2023	On-Site	0.7616	3.3000	32.9991	0.0621	3.7256	1.5318
	End Date	1/3/2023	Off-Site	0.2110	3.7644	2.5647	0.0174	0.6866	0.2078
	Workdays	3	**Total**	**0.9726**	**7.0644**	**35.5638**	**0.0795**	**4.4122**	**1.7396**
Phase 2 Grading (2022)	Start Date	8/11/2022	On-Site	0.7616	3.3000	32.9991	0.0621	3.6909	1.5265
	End Date	9/1/2022	Off-Site	0.0788	0.0511	0.7962	0.0020	0.2247	0.0603
	Workdays	22	**Total**	**0.8404**	**3.3511**	**33.7953**	**0.0641**	**3.9156**	**1.5868**
Phase 2 Building Construction (2022)	Start Date	9/2/2022	On-Site	0.5608	2.6936	17.6592	0.0269	0.1018	0.1018
	End Date	12/31/2022	Off-Site	4.1116	16.1058	40.9806	0.1517	12.4979	3.5325
	Workdays	121	**Total**	**4.6724**	**18.7994**	**58.6398**	**0.1786**	**12.5997**	**3.6343**
Phase 2 Building Construction (2023)	Start Date	1/1/2023	On-Site	0.5385	2.6513	17.6413	0.0269	0.0930	0.0930
	End Date	4/20/2023	Off-Site	3.6864	12.7014	37.6431	0.1463	12.3888	3.4283
	Workdays	110	**Total**	**4.2249**	**15.3527**	**55.2844**	**0.1732**	**12.4818**	**3.5213**
Phase 1 Building Construction (2023)	Start Date	1/4/2023	On-Site	0.5385	2.6513	17.6413	0.0269	0.0930	0.0930
	End Date	12/31/2023	Off-Site	3.6864	12.7014	37.6431	0.1463	12.3888	3.4283
	Workdays	362	**Total**	**4.2249**	**15.3527**	**55.2844**	**0.1732**	**12.4818**	**3.5213**
Phase 1 Building Construction (2024)	Start Date	1/1/2024	On-Site	0.5199	2.6115	17.6271	0.0270	0.0853	0.0853
	End Date	9/30/2024	Off-Site	3.4547	12.4782	35.4237	0.1426	12.3859	3.4257
	Workdays	274	**Total**	**3.9746**	**15.0897**	**53.0508**	**0.1696**	**12.4712**	**3.5110**
Phase 2 Paving (2023)	Start Date	4/21/2023	On-Site	0.2805	1.2154	17.2957	0.0228	0.0374	0.0374
	End Date	5/11/2023	Off-Site	0.0548	0.0338	0.5488	0.0015	0.1685	0.0452
	Workdays	21	**Total**	**0.3353**	**1.2492**	**17.8445**	**0.0243**	**0.2059**	**0.0826**
Phase 2 Architectural Coating (2023)	Start Date	5/12/2023	On-Site	13.7466	0.1288	1.8324	0.0030	0.0040	0.0040
	End Date	6/2/2023	Off-Site	0.6645	0.4106	6.6589	0.0179	2.0438	0.5483
	Workdays	22	**Total**	**14.4111**	**0.5394**	**8.4913**	**0.0209**	**2.0478**	**0.5523**
Phase 1 Paving (2024)	Start Date	10/1/2024	On-Site	0.2805	1.2154	17.2957	0.0228	0.0374	0.0374
	End Date	12/31/2024	Off-Site	0.0510	0.0301	0.5130	0.0014	0.1684	0.0452
	Workdays	92	**Total**	**0.3315**	**1.2455**	**17.8087**	**0.0242**	**0.2058**	**0.0826**
Phase 1 Paving (2025)	Start Date	1/1/2025	On-Site	0.2805	1.2154	17.2957	0.0228	0.0374	0.0374
	End Date	1/19/2025	Off-Site	0.0477	0.0270	0.4771	0.0014	0.1684	0.0451
	Workdays	19	**Total**	**0.3282**	**1.2424**	**17.7728**	**0.0242**	**0.2058**	**0.0825**
Phase 1 Architectural Coating (2025)	Start Date	1/20/2025	On-Site	15.0818	0.1288	1.8324	0.0030	0.0040	0.0040
	End Date	4/4/2025	Off-Site	0.5786	0.3278	5.7887	0.0167	2.0429	0.5474
	Workdays	75	**Total**	**15.6604**	**0.4566**	**7.6211**	**0.0197**	**2.0469**	**0.5514**

Maximum Daily Construction Emissions (Winter Season)

Trails at Corona 2025 - MITIGATED Construction - Riverside-South Coast County, Winter

CalEEMod Run: Winter Date: 11/3/2021 8:47 AM

Construction Activity				Maximum Pounds per Day					
				VOC	NO_x	CO	SO_X	PM_{10} (Total)	$PM_{2.5}$ (Total)
Phase 1 Demolition (2022)	Start Date	4/1/2022	On-Site	0.4623	2.0032	23.2798	0.0388	0.0928	0.0664
	End Date	5/1/2022	Off-Site	0.0563	0.0876	0.4943	0.0016	0.1752	0.0474
	Workdays	31	**Total**	**0.5186**	**2.0908**	**23.7741**	**0.0404**	**0.2680**	**0.1138**
Phase 1 Site Preparation (2022)	Start Date	5/2/2022	On-Site	0.4656	2.0175	20.8690	0.0380	7.7283	4.0020
	End Date	7/30/2022	Off-Site	0.0662	0.0477	0.5807	0.0017	0.2022	0.0543
	Workdays	90	**Total**	**0.5318**	**2.0652**	**21.4497**	**0.0397**	**7.9305**	**4.0563**
Phase 2 Site Preparation (2022)	Start Date	7/31/2022	On-Site	0.4656	2.0175	20.8690	0.0380	7.7283	4.0020
	End Date	8/10/2022	Off-Site	0.0662	0.0477	0.5807	0.0017	0.2022	0.0543
	Workdays	11	**Total**	**0.5318**	**2.0652**	**21.4497**	**0.0397**	**7.9305**	**4.0563**
Phase 1 Grading (2022)	Start Date	7/31/2022	On-Site	0.7616	3.3000	32.9991	0.0621	3.7256	1.5318
	End Date	12/31/2022	Off-Site	0.2221	4.7773	2.5026	0.0181	0.6939	0.2147
	Workdays	154	**Total**	**0.9837**	**8.0773**	**35.5017**	**0.0802**	**4.4195**	**1.7465**
Phase 1 Grading (2023)	Start Date	1/1/2023	On-Site	0.7616	3.3000	32.9991	0.0621	3.7256	1.5318
	End Date	1/3/2023	Off-Site	0.1909	4.0232	2.4783	0.0173	0.6868	0.2079
	Workdays	3	**Total**	**0.9525**	**7.3232**	**35.4774**	**0.0794**	**4.4124**	**1.7397**
Phase 2 Grading (2022)	Start Date	8/11/2022	On-Site	0.7616	3.3000	32.9991	0.0621	3.6909	1.5265
	End Date	9/1/2022	Off-Site	0.0736	0.0530	0.6453	0.0018	0.2247	0.0603
	Workdays	22	**Total**	**0.8352**	**3.3530**	**33.6444**	**0.0639**	**3.9156**	**1.5868**
Phase 2 Building Construction (2022)	Start Date	9/2/2022	On-Site	0.5608	2.6936	17.6592	0.0269	0.1018	0.1018
	End Date	12/31/2022	Off-Site	3.8531	16.9318	34.3048	0.1431	12.4984	3.5330
	Workdays	121	**Total**	**4.4139**	**19.6254**	**51.9640**	**0.1700**	**12.6002**	**3.6348**
Phase 2 Building Construction (2023)	Start Date	1/1/2023	On-Site	0.5385	2.6513	17.6413	0.0269	0.0930	0.0930
	End Date	4/20/2023	Off-Site	3.4511	13.4230	31.5389	0.1381	12.3891	3.4286
	Workdays	110	**Total**	**3.9896**	**16.0743**	**49.1802**	**0.1650**	**12.4821**	**3.5216**
Phase 1 Building Construction (2023)	Start Date	1/4/2023	On-Site	0.5385	2.6513	17.6413	0.0269	0.0930	0.0930
	End Date	12/31/2023	Off-Site	3.4511	13.4230	31.5389	0.1381	12.3891	3.4286
	Workdays	362	**Total**	**3.9896**	**16.0743**	**49.1802**	**0.1650**	**12.4821**	**3.5216**
Phase 1 Building Construction (2024)	Start Date	1/1/2024	On-Site	0.5199	2.6115	17.6271	0.0270	0.0853	0.0853
	End Date	9/30/2024	Off-Site	3.2425	13.1913	29.7388	0.1346	12.3862	3.4260
	Workdays	274	**Total**	**3.7624**	**15.8028**	**47.3659**	**0.1616**	**12.4715**	**3.5113**
Phase 2 Paving (2023)	Start Date	4/21/2023	On-Site	0.2805	1.2154	17.2957	0.0228	0.0374	0.0374
	End Date	5/11/2023	Off-Site	0.0513	0.0351	0.4456	0.0013	0.1685	0.0452
	Workdays	21	**Total**	**0.3318**	**1.2505**	**17.7413**	**0.0241**	**0.2059**	**0.0826**
Phase 2 Architectural Coating (2023)	Start Date	5/12/2023	On-Site	13.7466	0.1288	1.8324	0.0030	0.0040	0.0040
	End Date	6/2/2023	Off-Site	0.6229	0.4260	5.4071	0.0162	2.0438	0.5483
	Workdays	22	**Total**	**14.3695**	**0.5548**	**7.2395**	**0.0192**	**2.0478**	**0.5523**
Phase 1 Paving (2024)	Start Date	10/1/2024	On-Site	0.2805	1.2154	17.2957	0.0228	0.0374	0.0374
	End Date	12/31/2024	Off-Site	0.0480	0.0313	0.4168	0.0013	0.1684	0.0452
	Workdays	92	**Total**	**0.3285**	**1.2467**	**17.7125**	**0.0241**	**0.2058**	**0.0826**
Phase 1 Paving (2025)	Start Date	1/1/2025	On-Site	0.2805	1.2154	17.2957	0.0228	0.0374	0.0374
	End Date	1/19/2025	Off-Site	0.0450	0.0280	0.3881	0.0013	0.1684	0.0451
	Workdays	19	**Total**	**0.3255**	**1.2434**	**17.6838**	**0.0241**	**0.2058**	**0.0825**
Phase 1 Architectural Coating (2025)	Start Date	1/20/2025	On-Site	15.0818	0.1288	1.8324	0.0030	0.0040	0.0040
	End Date	4/4/2025	Off-Site	0.5455	0.3399	4.7088	0.0152	2.0429	0.5474
	Workdays	75	**Total**	**15.6273**	**0.4687**	**6.5412**	**0.0182**	**2.0469**	**0.5514**

Maximum Between Summer and Winter

Construction Activity		Maximum Pounds per Day					
		VOC	NO_x	CO	SO_x	PM_{10} (Total)	$PM_{2.5}$ (Total)
Phase 1 Demolition (2022)	Total	0.52	2.09	23.89	0.04	0.27	0.11
Phase 1 Site Preparation (2022)	Total	0.54	2.07	21.59	0.04	7.93	4.06
Phase 2 Site Preparation (2022)	Total	0.54	2.07	21.59	0.04	7.93	4.06
Phase 1 Grading (2022)	Total	1.00	8.08	35.58	0.08	4.42	1.75
Phase 1 Grading (2023)	Total	0.97	7.32	35.56	0.08	4.41	1.74
Phase 2 Grading (2022)	Total	0.84	3.35	33.80	0.06	3.92	1.59
Phase 2 Building Construction (2022)	Total	4.67	19.63	58.64	0.18	12.60	3.63
Phase 2 Building Construction (2023)	Total	4.22	16.07	55.28	0.17	12.48	3.52
Phase 1 Building Construction (2023)	Total	4.22	16.07	55.28	0.17	12.48	3.52
Phase 1 Building Construction (2024)	Total	3.97	15.80	53.05	0.17	12.47	3.51
Phase 2 Paving (2023)	Total	0.34	1.25	17.84	0.02	0.21	0.08
Phase 2 Architectural Coating (2023)	Total	14.41	0.55	8.49	0.02	2.05	0.55
Phase 1 Paving (2024)	Total	0.33	1.25	17.81	0.02	0.21	0.08
Phase 1 Paving (2025)	Total	0.33	1.24	17.77	0.02	0.21	0.08
Phase 1 Architectural Coating (2025)	Total	15.66	0.47	7.62	0.02	2.05	0.55
	Season	Summer	Winter	Summer	Summer	Both	Both

Unmitigated Construction - Maximum Daily Emissions

Construction Activity	Phase	Dates		Maximum Pounds per Day					
		Start	End	VOC	NO_x	CO	SO_x	PM_{10} (Total)	$PM_{2.5}$ (Total)
Phase 1 Demolition (2022)	Phase 1	4/1/2022	5/1/2022	0.52	2.09	23.89	0.04	0.27	0.11
Phase 1 Site Preparation (2022)	Phase 1	5/2/2022	7/30/2022	0.54	2.07	21.59	0.04	7.93	4.06
Phase 2 Site Preparation (2022)	Phase 2	7/31/2022	8/10/2022	0.54	2.07	21.59	0.04	7.93	4.06
Phase 1 Grading (2022)	Phase 1	7/31/2022	12/31/2022	1.00	8.08	35.58	0.08	4.42	1.75
OVERLAPPING ACTIVITIES: 7/31/2022 - 8/10/2022 Daily Maximum				**1.54**	**10.14**	**57.17**	**0.12**	**12.35**	**5.80**
Phase 2 Grading (2022)	Phase 2	8/11/2022	9/1/2022	0.84	3.35	33.80	0.06	3.92	1.59
OVERLAPPING ACTIVITIES: 8/11/2022 - 9/1/2022 Daily Maximum				**1.84**	**11.43**	**69.38**	**0.14**	**8.34**	**3.33**
Phase 2 Building Construction (2022)	Phase 2	9/2/2022	12/31/2022	4.67	19.63	58.64	0.18	12.60	3.63
Phase 1 Grading (2023)	Phase 1	1/1/2023	1/3/2023	0.97	7.32	35.56	0.08	4.41	1.74
Phase 2 Building Construction (2023)	Phase 2	1/1/2023	4/20/2023	4.22	16.07	55.28	0.17	12.48	3.52
OVERLAPPING ACTIVITIES: 1/1/2023 - 1/3/2023 Daily Maximum				**5.20**	**23.40**	**90.85**	**0.25**	**16.89**	**5.26**
Phase 1 Building Construction (2023)	Phase 1	1/4/2023	12/31/2023	4.22	16.07	55.28	0.17	12.48	3.52
Phase 2 Paving (2023)	Phase 2	4/21/2023	5/11/2023	0.34	1.25	17.84	0.02	0.21	0.08
OVERLAPPING ACTIVITIES: 1/4/2023 - 5/11/2023 Daily Maximum				**8.79**	**33.40**	**128.41**	**0.37**	**25.17**	**7.13**
Phase 2 Architectural Coating (2023)	Phase 2	5/12/2023	6/2/2023	14.41	0.55	8.49	0.02	2.05	0.55
OVERLAPPING ACTIVITIES: 5/12/2023 - 12/31/2023 Daily Maximum				**18.64**	**16.63**	**63.78**	**0.19**	**14.53**	**4.07**
Phase 1 Building Construction (2024)	Phase 1	1/1/2024	9/30/2024	3.97	15.80	53.05	0.17	12.47	3.51
Phase 1 Paving (2024)	Phase 1	10/1/2024	12/31/2024	0.33	1.25	17.81	0.02	0.21	0.08
Phase 1 Paving (2025)	Phase 1	1/1/2025	1/19/2025	0.33	1.24	17.77	0.02	0.21	0.08
Phase 1 Architectural Coating (2025)	Phase 1	1/20/2025	4/4/2025	15.66	0.47	7.62	0.02	2.05	0.55

Construction Emission Summary	Maximum Pounds per Day					
	VOC	NO_x	CO	SO_x	PM_{10} (Total)	$PM_{2.5}$ (Total)
Daily Maximum Emissions	**18.64**	**33.40**	**128.41**	**0.37**	**25.17**	**7.13**
Dates of Maximum Daily Emissions	5/12/2023 - 12/31/2023	1/4/2023 - 5/11/2023	1/4/2023 - 5/11/2023	1/4/2023 - 5/11/2023	1/4/2023 - 5/11/2023	1/4/2023 - 5/11/2023
SCAQMD Significance Thresholds	**75**	**100**	**550**	**150**	**150**	**55**
Emissions Exceed Threshold?	No	No	No	No	No	No

Unmitigated Construction - Maximum Daily On-Site Emissions (On-Site Emissions Only)

Construction Activity	Phase	Dates		Maximum Pounds per Day					
		Start	End	VOC	NO_x	CO	SO_x	PM_{10} (Total)	$PM_{2.5}$ (Total)
Phase 1 Demolition (2022)	Phase 1	4/1/2022	5/1/2022	0.46	2.00	23.28	0.04	0.09	0.07
Phase 1 Site Preparation (2022)	Phase 1	5/2/2022	7/30/2022	0.47	2.02	20.87	0.04	7.73	4.00
Phase 2 Site Preparation (2022)	Phase 2	7/31/2022	8/10/2022	0.47	2.02	20.87	0.04	7.73	4.00
Phase 1 Grading (2022)	Phase 1	7/31/2022	12/31/2022	0.76	3.30	33.00	0.06	3.73	1.53
OVERLAPPING ACTIVITIES: 7/31/2022 - 8/10/2022 Daily Maximum				**1.23**	**5.32**	**53.87**	**0.10**	**11.45**	**5.53**
Phase 2 Grading (2022)	Phase 2	8/11/2022	9/1/2022	0.76	3.30	33.00	0.06	3.69	1.53
OVERLAPPING ACTIVITIES: 8/11/2022 - 9/1/2022 Daily Maximum				**1.52**	**6.60**	**66.00**	**0.12**	**7.42**	**3.06**
Phase 2 Building Construction (2022)	Phase 2	9/2/2022	12/31/2022	0.56	2.69	17.66	0.03	0.10	0.10
Phase 1 Grading (2023)	Phase 1	1/1/2023	1/3/2023	0.76	3.30	33.00	0.06	3.73	1.53
Phase 2 Building Construction (2023)	Phase 2	1/1/2023	4/20/2023	0.54	2.65	17.64	0.03	0.09	0.09
OVERLAPPING ACTIVITIES: 1/1/2023 - 1/3/2023 Daily Maximum				**1.30**	**5.95**	**50.64**	**0.09**	**3.82**	**1.62**
Phase 1 Building Construction (2023)	Phase 1	1/4/2023	12/31/2023	0.54	2.65	17.64	0.03	0.09	0.09
Phase 2 Paving (2023)	Phase 2	4/21/2023	5/11/2023	0.28	1.22	17.30	0.02	0.04	0.04
OVERLAPPING ACTIVITIES: 1/4/2023 - 5/11/2023 Daily Maximum				**1.36**	**6.52**	**52.58**	**0.08**	**0.22**	**0.22**
Phase 2 Architectural Coating (2023)	Phase 2	5/12/2023	6/2/2023	13.75	0.13	1.83	0.00	0.00	0.00
OVERLAPPING ACTIVITIES: 5/12/2023 - 12/31/2023 Daily Maximum				**14.29**	**2.78**	**19.47**	**0.03**	**0.10**	**0.10**
Phase 1 Building Construction (2024)	Phase 1	1/1/2024	9/30/2024	0.52	2.61	17.63	0.03	0.09	0.09
Phase 1 Paving (2024)	Phase 1	10/1/2024	12/31/2024	0.28	1.22	17.30	0.02	0.04	0.04
Phase 1 Paving (2025)	Phase 1	1/1/2025	1/19/2025	0.28	1.22	17.30	0.02	0.04	0.04
Phase 1 Architectural Coating (2025)	Phase 1	1/20/2025	4/4/2025	15.08	0.13	1.83	0.00	0.00	0.00

On-Site Construction Emissions (Localized Significance Thresholds)

Construction Emission Summary	Maximum Pounds per Day					
	VOC	NO_x	CO	SO_x	PM_{10} (Total)	$PM_{2.5}$ (Total)
Daily Maximum On-Site Emissions	**15.08**	**6.60**	**66.00**	**0.12**	**11.45**	**5.53**
Dates of Maximum Daily Emissions	1/20/2025 - 4/4/2025	8/11/2022 - 9/1/2022	1/4/2023 - 5/11/2023	8/11/2022 - 9/1/2022	7/31/2022 - 8/10/2022	7/31/2022 - 8/10/2022
SCAQMD LSTs SRA 22 - Norco/Corona; 5-acre site, 25 meters from receptor	**-**	**270**	**1,700**	**-**	**12**	**8**
SCAQMD LSTs SRA 23 - Metropolitan Riverside County; 5-acre site, 25 meters from receptor	**-**	**270**	**1,577**	**-**	**13**	**8**
Emissions Exceed Threshold?	-	No	No	-	No	No

Project Operational Emissions Summary

Operations - Summer and Winter Scenarios

Trails at Corona 2025 - Riverside-South Coast County, Summer

CalEEMod Run: Summer Date: 11/1/2021 3:52 PM

Emissions Source	Pounds per Day					
	VOC	NO_x	CO	SO_X	PM_{10} (Total)	$PM_{2.5}$ (Total)
Area	13.9576	5.4931	32.2795	0.0344	0.5831	0.5831
Energy	0.3610	3.1287	1.6349	0.0197	0.2494	0.2494
Mobile	6.3158	6.5401	63.2229	0.1431	15.8372	4.2867
Daily Maximum	**20.6344**	**15.1619**	**97.1373**	**0.1972**	**16.6697**	**5.1192**

Trails at Corona 2025 - Riverside-South Coast County, Winter

CalEEMod Run: Winter Date: 11/1/2021 3:53 PM

Emissions Source	Pounds per Day					
	VOC	NO_x	CO	SO_X	PM_{10} (Total)	$PM_{2.5}$ (Total)
Area	13.9576	5.4931	32.2795	0.0344	0.5831	0.5831
Energy	0.3610	3.1287	1.6349	0.0197	0.2494	0.2494
Mobile	5.3988	6.9381	55.7027	0.1322	15.8372	4.2867
Daily Maximum	**19.7174**	**15.5599**	**89.6171**	**0.1863**	**16.6697**	**5.1192**

Operations - Maximum Daily Emissions

Maximum between Summer and Winter Scenarios

Emissions Source	Pounds per Day					
	VOC	NO_x	CO	SO_X	PM_{10} (Total)	$PM_{2.5}$ (Total)
Area	13.96	5.49	32.28	0.03	0.58	0.58
Energy	0.36	3.13	1.63	0.02	0.25	0.25
Mobile	6.32	6.94	63.22	0.14	15.84	4.29
Daily Total	**20.63**	**15.56**	**97.14**	**0.20**	**16.67**	**5.12**
Significance Thresholds	55	55	550	150	150	55
Threshold Exceedence	**Does Not Exceed**	**Does Not Exceed**	**Does Not Exceed**	**Does Not Exceed**	**Does Not Exceed**	**Does Not Exceed**
CalEEMod Run	Summer	Winter	Summer	Summer	Winter	Winter

Operations - GHG Emissions

Trails at Corona 2025 - Riverside-South Coast County, Annual

CalEEMod Run: Annual Date: 11/1/2021 3:40 PM

Emissions Source	CO_2e
	Metric Tons per Year
Area	81
Energy/Electricity	402
Energy/Gas	656
Mobile	2,102
Waste	233
Water	223
Total	**3,698**

On-Site Project Operational Emissions & Localized Significance Thresholds

On-Site Operations - Summer and Winter Scenarios

Trails at Corona 2025 - On-site Mobile - Riverside-South Coast County, Summer

CalEEMod Run: Summer Date: 11/3/2021 9:13 AM

Emissions Source	Pounds per Day					
	VOC	NO_x	CO	SO_X	PM_{10} (Total)	$PM_{2.5}$ (Total)
Mobile	3.7553	1.5324	13.0046	0.0132	1.1921	0.3273

Trails at Corona 2025 - On-site Mobile - Riverside-South Coast County, Winter

CalEEMod Run: Winter Date: 11/3/2021 9:12 AM

Emissions Source	Pounds per Day					
	VOC	NO_x	CO	SO_X	PM_{10} (Total)	$PM_{2.5}$ (Total)
Mobile	2.8829	1.6081	13.6216	0.0124	1.1921	0.3273

On-Site Operations - Maximum Daily Emissions

Maximum between Summer and Winter Scenarios

Emissions Source	Pounds per Day					
	VOC	NO_x	CO	SO_X	PM_{10} (Total)	$PM_{2.5}$ (Total)
Area	13.96	5.49	32.28	0.03	0.58	0.58
Energy	0.36	3.13	1.63	0.02	0.25	0.25
Mobile	3.76	1.61	13.62	0.01	1.19	0.33
Daily Total	**18.07**	**10.23**	**47.54**	**0.07**	**2.02**	**1.16**
SCAQMD LSTs SRA 22 - Norco/Corona; 5-acre site, 25 meters from receptor	-	270	1,700	-	3	2
SCAQMD LSTs SRA 23 - Metropolitan Riverside County; 5-acre site, 25 meters from receptor	-	270	1,577	-	4	2
Threshold Exceedence	**-**	**Does Not Exceed**	**Does Not Exceed**	**-**	**Does Not Exceed**	**Does Not Exceed**
CalEEMod Run	Summer	Winter	Both	Both	Winter	Winter

Note: Area and Energy source emissions are drawn from the previous operational emission estimates as they represent on-site emissions only. LST = Localized Significance Threshold.

Project Operational GHG Emissions Summary

2025 Operations - GHG Emissions

Trails at Corona 2025 - Riverside-South Coast County, Annual

CalEEMod Run: Annual Date: 11/1/2021 3:40 PM

Emissions Source	CO_2e
	Metric Tons per Year
Area	81
Residential Energy - Electricity	320
Residential Energy - Gas	509
Nonresidential Energy - Electricity	82
Nonresidential Energy - Gas	146
Mobile	2,102
Waste	233
Water	223
Total	**3,698**
SCAQMD Tier 3 Threshold	3,000
Exceeds Threshold?	**Yes**

2035 Operations - GHG Emissions

Trails at Corona 2035 - Riverside-South Coast County, Annual

CalEEMod Run: Annual Date: 11/3/2021 1:23 PM

Emissions Source	CO_2e
	Metric Tons per Year
Area	81
Residential Energy - Electricity	320
Residential Energy - Gas	509
Nonresidential Energy - Electricity	82
Nonresidential Energy - Gas	146
Mobile	1,680
Waste	233
Water	223
Total	**3,276**
SCAQMD Tier 3 Threshold	3,000
Exceeds Threshold?	**Yes**

Project CalEEMod Notes

Note 1. Land uses and sizes associated with development of the proposed project are drawn from correspondence with the Project Applicant as well as the Urban Arena Overall Site Plan, dated August 16, 2021.

Land uses utilized in the models represent the following:

Residential > Condo/Townhouse > 116 x Dwelling Unit = Proposed attached senior housing.

Residential > Single-Family Housing > 249 x Dwelling Unit = Proposed detached senior housing.

Recreational > Fast Food Restaurant with Drive Thru > 10 x 1000 sqft = Proposed quick service food retail use.

Recreational > City Park > 40 x Acre = Proposed open space area containing park and trail uses, conservatively assumed to be irrigated and maintained.

Note 2. According to information provided by the Applicant, construction of Project Phase 1 is anticipated to begin in April 2022 and last for 3 years, concluding in April 2025, and construction of Project Phase 2 is anticipated to begin July 2022 and conclude in June 2023. To retain the total workdays anticipated for each construction activity from the 2018 analysis, construction is assumed to occur 7 days per week.

Note 3. According to information provided by the Applicant, various soil import and export activities would take place during project construction. Phase I Grading would involve grading at Planning Areas 1, 2, 3, and 6 while Phase II Grading would involve grading at Planning Areas 4 and 5. Planning Areas 1 and 2 are anticipated to import approximately 84,599 cubic yards of soil, 50 percent from Planning Area 3 and 50 percent from Planning Area 6. Planning Area 3 is anticipated to export approximately 62,064 cubic yards of soil, approximately 42,300 cubic yards of which would be hauled to Planning Areas 1 and 2. Planning Areas 4 and 5 are anticipated to balance cut and fill soil volumes on-site. Planning Area 6 is anticipated to export approximately 48,234 cubic yards of soil, approximately 42,300 cubic yards of which would be hauled to Planning Areas 1 and 2.

As such, soil hauling would consist of the following activities:

1. 42,300 cubic yards would be exported from Planning Area 3 to Planning Areas 1 and 2, approximately 1 mile away.
2. 19,764 cubic yards would be exported from Planning Area 3 to an undetermined location. Model default hauling distance is 20 miles.
3. 42,300 cubic yards would be exported from Planning Area 6 to Planning Areas 1 and 2, approximately 1.5 miles away.
4. 5,934 cubic yards would be exported from Planning Area 6 to an undetermined location. Model default hauling distance is 20 miles.

Based on the above information, a total export volume of 110,298 cubic yards was assigned to Phase I Grading and a weighted hauling distance of 5.6 miles was applied to Phase I Grading hauling activity in the model.

Note 4. Based on information provided by the Project Applicant, the proposed project would remove approximately 2,500 square feet of existing buildings.

Note 5. District Rule 1113: Architectural Coatings was applied to project construction, which requires the VOC coating concentration to be no greater than 50 grams/liter (g/L). In addition, as the model assumes 50 percent of all surfaces to be painted during Project Phase 1 and 50 percent during Project Phase 2, the square footages of areas to be painted were adjusted to show the

Note 6. According to the Traffic Impact Analysis (TIA) prepared for the proposed project,[1] an estimated 1,624 daily vehicle trips would be generated at full buildout of the proposed project; however, this average daily traffic volume accounts for internal capture rates between residential and nonresidential land uses. As such, the daily trip generation rates in the operational models were adjusted to match those utilized in the TIA prior to the application of internal capture reductions. Saturday and Sunday daily trip rates were adjusted proportional to the adjustments made to the weekday daily trip rate. Please refer the Daily Trip Rate Adjustments calculation sheet included in this Appendix.

For the different land uses, the fleet mix was adjusted to reflect the anticipated vehicle types utilized in vehicle trips generated by that land use. As such, the retail land use vehicle fleet mix remained unchanged and the residential land use fleet mixes were adjusted to account for the removal of the HHD vehicle type. Please refer the Fleet Mix Adjustments calculation sheet included in this Appendix.

Note 7. District Rule 445: Wood-Burning Devices was applied to the project modeling, which prohibits the installation of any wood-burning device in new development.

Note 8. District Rule 403: Fugitive Dust Prohibitions was applied to project construction. This was represented in the model by selecting options for watering exposed areas at minimum twice per day and limiting construction vehicle speeds to 15 miles per hour on unpaved roads.

Note 9. According to project information provided by the project applicant, each dwelling unit would include solar panel electricity generation in compliance with the California Building Code. According to the California Code of Regulations, Title 24, Part 6, Subchapter 8 – Low-Rise Residential Building – Performance and Prescriptive Compliance Approaches, "[a]ll low-rise residential buildings shall have a photovoltaic (PV) system meeting the minimum qualification requirements as specified in Joint Appendix JA11, with annual electrical output equal or greater than the dwelling's annual electrical usage as determined by Equation 150.1-C:"

Equation 150.1-C Annual Photovoltaic Electrical Output

$$kW_{PV} = (CFA \times A)/1{,}000 + (NDwell \times B)$$

Where:

kW_{PV} = kWdc size of the PV system

CFA = conditioned floor area

[1] Urban Crossroads. 2021. Trails at Corona Traffic Impact Analysis.

NDwell = number of dwelling units

A = Adjustment factor from Table 150.1-C

B = Dwelling adjustment factor from Table 150.1-C

As the project is located in climate zone 10, the A adjustment factor mentioned above is identified as 0.627 and the B adjustment factor mentioned above is identified as 1.41. The conditioned floor area is estimated based on the number and type of dwelling units and the associated default floor area contained in CalEEMod Version 2020.4.0.

Therefore:

$$kW_{PV} = (564{,}200 \times 0.627)/1{,}000 + (365 \times 1.41) = 868.4043$$

While this accounts for the entire project's kW PV system, it does not provide the annual production rate that would be generated by this size of system. Therefore, the total kW PV system was reduced to a per-dwelling-unit kW PV system to determine the expected annual production rate. 868.4043 kW PV divided by 365 dwelling units results in an average 2.4 kW PV system per dwelling unit.

According to TheEcoExperts.com,[2] a 2 kW PV system has an average annual production rate of 1,750 kWh/year. The below equation proportionally applies the same average annual production rate to the calculated 2.4 kW system per each dwelling unit.

$$(2.4/2) * 1{,}750 \text{ kWh/year} = 2{,}100 \text{ kWh/year}$$

Therefore, the proposed project is expected to result in an average on-site electricity generation rate of 2,100 kWh per dwelling unit per year. The following equation converts this to total annual on-site electricity generation.

$$2{,}100 \text{ kWh/year} * 365 \text{ Residences} = 766{,}500 \text{ kWh/year}$$

Note 10. As the proposed project would exceed the maximum daily thresholds for VOC emissions during construction and the localized significance thresholds for particulate matter, appropriate mitigation was identified for the proposed project and included in the mitigated construction model run. The mitigated construction model includes the application of MM AIR-1a, MM AIR-1b, and MM AIR-1c, which would require the use of ultra-low VOC architectural coatings containing no greater than 10 grams of VOC per liter of product, the use of Tier IV engines for construction equipment greater than 50 horsepower, and the watering of exposed construction areas of no less than 3 times per day, respectively.

[2] TheEcoExperts.com. 2021. Solar Panel Output. Website: http://www.theecoexperts.com/solar-panel-output/. Accessed October 28, 2021.

Operational Fleet Mix
CalEEMod Default Fleet Mix Adjustments

2025 Project Fleet Mix Adjustments - Residential

Passenger Vehicle Classes	Fleet Mix Proportion[2]	Adjusted Fleet Mix Proportions
LDA	0.540541	0.550844547
LDT1	0.056458	0.057534177
LDT2	0.173793	0.177105763
MDV	0.13609	0.138684086
LHD1	0.025268	0.025749647
LHD2	0.007074	0.007208841
MHD	0.011525	0.011744684
OBUS	0.00061	0.000621628
UBUS	0.000304	0.000309795
MCY	0.023606	0.024055967
SBUS	0.001094	0.001114853
MH	0.004932	0.005026012
Total	*0.981295*	1

2035 Project Fleet Mix Adjustments - Residential

Passenger Vehicle Classes	Fleet Mix Proportion[2]	Adjusted Fleet Mix Proportions
LDA	0.553298	0.562627489
LDT1	0.058927	0.059920603
LDT2	0.179412	0.182437173
MDV	0.125114	0.127223622
LHD1	0.021869	0.022237746
LHD2	0.006343	0.006449953
MHD	0.01118	0.011368513
OBUS	0.000585	0.000594864
UBUS	0.000261	0.000265401
MCY	0.02212	0.022492979
SBUS	0.001029	0.001046351
MH	0.00328	0.003335306
Total	*0.983418*	1

Notes/Sources:

[1] Urban Crossroads. 2021. Trails at Corona Traffic Impact Analysis.

[2] California Air Pollution Control Officers Association (CAPCOA). 2021. California Emissions Estimator Model (CalEEMod), Version 2020.4.0.35.

Operational Daily Trip Rates
CalEEMod Default Adjustments

Condo/Townhouse Daily Trip Rate Adjustments (Discounting Internal Capture)

Day	Default Trip Rate	Adjusted Trip Rate[1]	Proportional Change
Weekday	7.32	3.70	
Saturday	8.14	4.11	50.55%
Sunday	6.28	3.17	

Single-Family Housing Daily Trip Rate Adjustments (Discounting Internal Capture)

Day	Default Trip Rate	Adjusted Trip Rate[1]	Proportional Change
Weekday	9.44	4.27	
Saturday	9.54	4.32	45.23%
Sunday	8.55	3.87	

Nonresidential Daily Trip Rate Adjustments (Discounting Internal Capture)

Day	Default Trip Rate	Adjusted Trip Rate[1]	Proportional Change
Weekday	470.95	37.75	
Saturday	616.12	49.39	8.02%
Sunday	472.58	37.88	

Notes:

[1] Weekday trip generation rates are drawn from the Urban Crossroads TIA prepared for the proposed project. The weekend trip generate rates were adjusted according to the proportional change experienced by the weekday trip generation rate.

Trails at Corona 2025

Riverside-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
City Park	40.00	Acre	40.00	1,742,400.00	0
Fast Food Restaurant with Drive Thru	10.00	1000sqft	0.23	10,000.00	0
Condo/Townhouse	116.00	Dwelling Unit	2.66	116,000.00	332
Single Family Housing	249.00	Dwelling Unit	61.11	448,200.00	712

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.4	**Precipitation Freq (Days)**	28
Climate Zone	10			**Operational Year**	2025
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Note 1

Construction Phase - Note 2

Trips and VMT - Note 3

Demolition - Note 4

Grading - Note 3

Architectural Coating - Note 5

Vehicle Trips - Note 6

Woodstoves - Note 7

Construction Off-road Equipment Mitigation - Note 8

Energy Mitigation - Note 9

Fleet Mix - Note 6

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	5,001.00	10,002.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	5,001.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	15,002.00	30,004.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	15,002.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	380,835.00	598,902.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	380,835.00	162,768.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,142,505.00	1,796,706.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,142,505.00	488,304.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblArchitecturalCoating	EF_Parking	100.00	50.00
tblArchitecturalCoating	EF_Parking	100.00	50.00
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	220.00	75.00
tblConstructionPhase	NumDays	220.00	22.00
tblConstructionPhase	NumDays	3,100.00	231.00
tblConstructionPhase	NumDays	3,100.00	636.00
tblConstructionPhase	NumDays	200.00	31.00
tblConstructionPhase	NumDays	310.00	157.00
tblConstructionPhase	NumDays	310.00	22.00
tblConstructionPhase	NumDays	220.00	111.00
tblConstructionPhase	NumDays	220.00	21.00

tblConstructionPhase	NumDays	120.00	90.00
tblConstructionPhase	NumDays	120.00	11.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberWood	5.80	0.00
tblFireplaces	NumberWood	12.45	0.00
tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.00
tblFleetMix	LDA	0.54	0.55
tblFleetMix	LDA	0.54	0.55
tblFleetMix	LDT1	0.06	0.06
tblFleetMix	LDT1	0.06	0.06
tblFleetMix	LDT2	0.17	0.18
tblFleetMix	LDT2	0.17	0.18
tblFleetMix	LHD1	0.03	0.03
tblFleetMix	LHD1	0.03	0.03
tblFleetMix	LHD2	7.0740e-003	7.2090e-003

tblFleetMix	LHD2	7.0740e-003	7.2090e-003
tblFleetMix	MCY	0.02	0.02
tblFleetMix	MCY	0.02	0.02
tblFleetMix	MDV	0.14	0.14
tblFleetMix	MDV	0.14	0.14
tblFleetMix	MH	4.9320e-003	5.0260e-003
tblFleetMix	MH	4.9320e-003	5.0260e-003
tblFleetMix	MHD	0.01	0.01
tblFleetMix	MHD	0.01	0.01
tblFleetMix	OBUS	6.1000e-004	6.2200e-004
tblFleetMix	OBUS	6.1000e-004	6.2200e-004
tblFleetMix	SBUS	1.0940e-003	1.1150e-003
tblFleetMix	SBUS	1.0940e-003	1.1150e-003
tblFleetMix	UBUS	3.0400e-004	3.1000e-004
tblFleetMix	UBUS	3.0400e-004	3.1000e-004
tblGrading	MaterialExported	0.00	110,298.00
tblLandUse	LotAcreage	7.25	2.66
tblLandUse	LotAcreage	80.84	61.11
tblTripsAndVMT	HaulingTripLength	20.00	5.60
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	21.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	50.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	29.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00

tblVehicleTrips	ST_TR	1.96	0.00
tblVehicleTrips	ST_TR	8.14	4.11
tblVehicleTrips	ST_TR	616.12	49.39
tblVehicleTrips	ST_TR	9.54	4.32
tblVehicleTrips	SU_TR	2.19	0.00
tblVehicleTrips	SU_TR	6.28	3.17
tblVehicleTrips	SU_TR	472.58	37.88
tblVehicleTrips	SU_TR	8.55	3.87
tblVehicleTrips	WD_TR	0.78	0.00
tblVehicleTrips	WD_TR	7.32	3.70
tblVehicleTrips	WD_TR	470.95	37.75
tblVehicleTrips	WD_TR	9.44	4.27
tblWoodstoves	NumberCatalytic	5.80	0.00
tblWoodstoves	NumberCatalytic	12.45	0.00
tblWoodstoves	NumberNoncatalytic	5.80	0.00
tblWoodstoves	NumberNoncatalytic	12.45	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Year	tons/yr										MT/yr					
2022	0.8689	7.8258	7.2641	0.0199	2.6094	0.3117	2.9211	1.0474	0.2885	1.3359	0.0000	1,807.8499	1,807.8499	0.2770	0.0842	1,839.8710
2023	1.9301	6.7324	11.8875	0.0400	3.1344	0.2067	3.3411	0.8059	0.1945	1.0004	0.0000	3,687.1836	3,687.1836	0.1981	0.2399	3,763.6132
2024	0.6739	4.0792	7.1574	0.0235	1.6585	0.1245	1.7830	0.4469	0.1167	0.5636	0.0000	2,163.1589	2,163.1589	0.1365	0.1350	2,206.8131
2025	2.8571	0.1378	0.3962	9.2000e-004	0.0766	6.2400e-003	0.0828	0.0203	5.8900e-003	0.0262	0.0000	83.0745	83.0745	7.8600e-003	1.3400e-003	83.6704
Maximum	**2.8571**	**7.8258**	**11.8875**	**0.0400**	**3.1344**	**0.3117**	**3.3411**	**1.0474**	**0.2885**	**1.3359**	**0.0000**	**3,687.1836**	**3,687.1836**	**0.2770**	**0.2399**	**3,763.6132**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	0.8689	7.8258	7.2641	0.0199	1.6108	0.3117	1.9225	0.5890	0.2885	0.8775	0.0000	1,807.8489	1,807.8489	0.2770	0.0842	1,839.8700
2023	1.9301	6.7324	11.8875	0.0400	2.9882	0.2067	3.1949	0.7878	0.1945	0.9823	0.0000	3,687.1829	3,687.1829	0.1981	0.2399	3,763.6126
2024	0.6739	4.0792	7.1574	0.0235	1.6585	0.1245	1.7830	0.4469	0.1167	0.5636	0.0000	2,163.1584	2,163.1584	0.1365	0.1350	2,206.8126
2025	2.8571	0.1378	0.3962	9.2000e-004	0.0766	6.2400e-003	0.0828	0.0203	5.8900e-003	0.0262	0.0000	83.0744	83.0744	7.8600e-003	1.3400e-003	83.6703
Maximum	**2.8571**	**7.8258**	**11.8875**	**0.0400**	**2.9882**	**0.3117**	**3.1949**	**0.7878**	**0.2885**	**0.9823**	**0.0000**	**3,687.1829**	**3,687.1829**	**0.2770**	**0.2399**	**3,763.6126**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**15.31**	**0.00**	**14.08**	**20.54**	**0.00**	**16.29**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**4-1-2022**	**6-30-2022**	1.5329	1.5329
2	**7-1-2022**	**9-30-2022**	3.2224	3.2224
3	**10-1-2022**	**12-31-2022**	3.9364	3.9364
4	**1-1-2023**	**3-31-2023**	2.9687	2.9687
5	**4-1-2023**	**6-30-2023**	2.6967	2.6967
6	**7-1-2023**	**9-30-2023**	1.4879	1.4879
7	**10-1-2023**	**12-31-2023**	1.5103	1.5103

8	**1-1-2024**	**3-31-2024**	1.4264	1.4264
9	**4-1-2024**	**6-30-2024**	1.4036	1.4036
10	**7-1-2024**	**9-30-2024**	1.4190	1.4190
11	**10-1-2024**	**12-31-2024**	0.4872	0.4872
12	**1-1-2025**	**3-31-2025**	2.8408	2.8408
13	**4-1-2025**	**6-30-2025**	0.1550	0.1550
		Highest	3.9364	3.9364

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	2.3929	0.1077	3.7886	6.1000e-004		0.0261	0.0261		0.0261	0.0261	0.0000	80.6524	80.6524	7.3200e-003	1.3700e-003	81.2424
Energy	0.0659	0.5710	0.2984	3.5900e-003		0.0455	0.0455		0.0455	0.0455	0.0000	1,187.8751	1,187.8751	0.0577	0.0174	1,194.5141
Mobile	0.9124	1.1637	9.6491	0.0225	2.5958	0.0160	2.6118	0.6930	0.0149	0.7079	0.0000	2,074.1991	2,074.1991	0.1084	0.0856	2,102.4118
Waste						0.0000	0.0000		0.0000	0.0000	94.1695	0.0000	94.1695	5.5653	0.0000	233.3010
Water						0.0000	0.0000		0.0000	0.0000	8.5077	185.7503	194.2580	0.8895	0.0225	223.2102
Total	**3.3712**	**1.8424**	**13.7360**	**0.0267**	**2.5958**	**0.0876**	**2.6833**	**0.6930**	**0.0865**	**0.7795**	**102.6772**	**3,528.4769**	**3,631.1541**	**6.6283**	**0.1269**	**3,834.6796**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	2.3929	0.1077	3.7886	6.1000e-004		0.0261	0.0261		0.0261	0.0261	0.0000	80.6524	80.6524	7.3200e-003	1.3700e-003	81.2424
Energy	0.0659	0.5710	0.2984	3.5900e-003		0.0455	0.0455		0.0455	0.0455	0.0000	1,051.9397	1,051.9397	0.0463	0.0160	1,057.8775
Mobile	0.9124	1.1637	9.6491	0.0225	2.5958	0.0160	2.6118	0.6930	0.0149	0.7079	0.0000	2,074.1991	2,074.1991	0.1084	0.0856	2,102.4118
Waste						0.0000	0.0000		0.0000	0.0000	94.1695	0.0000	94.1695	5.5653	0.0000	233.3010
Water						0.0000	0.0000		0.0000	0.0000	8.5077	185.7503	194.2580	0.8895	0.0225	223.2102
Total	**3.3712**	**1.8424**	**13.7360**	**0.0267**	**2.5958**	**0.0876**	**2.6833**	**0.6930**	**0.0865**	**0.7795**	**102.6772**	**3,392.5415**	**3,495.2187**	**6.6168**	**0.1255**	**3,698.0430**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**3.85**	**3.74**	**0.17**	**1.10**	**3.56**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition - Phase 1	Demolition	4/1/2022	5/1/2022	7	31	
2	Site Preparation - Phase 1	Site Preparation	5/2/2022	7/30/2022	7	90	
3	Site Preparation - Phase 2	Site Preparation	7/31/2022	8/10/2022	7	11	

4	Grading - Phase 1	Grading	7/31/2022	1/3/2023	7	157	
5	Grading - Phase 2	Grading	8/11/2022	9/1/2022	7	22	
6	Building Construction - Phase 2	Building Construction	9/2/2022	4/20/2023	7	231	
7	Building Construction - Phase 1	Building Construction	1/4/2023	9/30/2024	7	636	
8	Paving - Phase 2	Paving	4/21/2023	5/11/2023	7	21	
9	Architectural Coating - Phase 2	Architectural Coating	5/12/2023	6/2/2023	7	22	
10	Paving - Phase 1	Paving	10/1/2024	1/19/2025	7	111	
11	Architectural Coating - Phase 1	Architectural Coating	1/20/2025	4/4/2025	7	75	

Acres of Grading (Site Preparation Phase): 135

Acres of Grading (Grading Phase): 471

Acres of Paving: 0

Residential Indoor: 488,304; Residential Outdoor: 162,768; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition - Phase 1	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition - Phase 1	Excavators	3	8.00	158	0.38
Demolition - Phase 1	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation - Phase 1	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation - Phase 1	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Site Preparation - Phase 2	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation - Phase 2	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading - Phase 1	Excavators	2	8.00	158	0.38
Grading - Phase 1	Graders	1	8.00	187	0.41
Grading - Phase 1	Rubber Tired Dozers	1	8.00	247	0.40
Grading - Phase 1	Scrapers	2	8.00	367	0.48

Grading - Phase 1	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Grading - Phase 2	Excavators	2	8.00	158	0.38
Grading - Phase 2	Graders	1	8.00	187	0.41
Grading - Phase 2	Rubber Tired Dozers	1	8.00	247	0.40
Grading - Phase 2	Scrapers	2	8.00	367	0.48
Grading - Phase 2	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction - Phase 2	Cranes	1	7.00	231	0.29
Building Construction - Phase 2	Forklifts	3	8.00	89	0.20
Building Construction - Phase 2	Generator Sets	1	8.00	84	0.74
Building Construction - Phase 2	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction - Phase 2	Welders	1	8.00	46	0.45
Building Construction - Phase 1	Cranes	1	7.00	231	0.29
Building Construction - Phase 1	Forklifts	3	8.00	89	0.20
Building Construction - Phase 1	Generator Sets	1	8.00	84	0.74
Building Construction - Phase 1	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction - Phase 1	Welders	1	8.00	46	0.45
Paving - Phase 2	Pavers	2	8.00	130	0.42
Paving - Phase 2	Paving Equipment	2	8.00	132	0.36
Paving - Phase 2	Rollers	2	8.00	80	0.38
Architectural Coating - Phase 2	Air Compressors	1	6.00	78	0.48
Paving - Phase 1	Pavers	2	8.00	130	0.42
Paving - Phase 1	Paving Equipment	2	8.00	132	0.36
Paving - Phase 1	Rollers	2	8.00	80	0.38
Architectural Coating - Phase 1	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class

Demolition - Phase 1	6	15.00	0.00	11.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation - Phase 1	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation - Phase 2	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading - Phase 1	8	20.00	0.00	13,787.00	14.70	6.90	5.60	LD_Mix	HDT_Mix	HHDT
Grading - Phase 2	8	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - Phase 2	9	909.00	326.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - Phase 1	9	909.00	326.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving - Phase 2	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - Phase 2	1	182.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving - Phase 1	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - Phase 1	1	182.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - Phase 1 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.2400e-003	0.0000	1.2400e-003	1.9000e-004	0.0000	1.9000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0409	0.3987	0.3192	6.0000e-004		0.0193	0.0193		0.0179	0.0179	0.0000	52.6849	52.6849	0.0148	0.0000	53.0548
Total	**0.0409**	**0.3987**	**0.3192**	**6.0000e-004**	**1.2400e-003**	**0.0193**	**0.0205**	**1.9000e-004**	**0.0179**	**0.0181**	**0.0000**	**52.6849**	**52.6849**	**0.0148**	**0.0000**	**53.0548**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.0000e-005	7.4000e-004	1.6000e-004	0.0000	9.0000e-005	1.0000e-005	1.0000e-004	3.0000e-005	1.0000e-005	3.0000e-005	0.0000	0.3061	0.3061	0.0000	5.0000e-005	0.3206
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.1000e-004	6.3000e-004	7.9100e-003	2.0000e-005	2.5600e-003	1.0000e-005	2.5700e-003	6.8000e-004	1.0000e-005	6.9000e-004	0.0000	2.0077	2.0077	5.0000e-005	6.0000e-005	2.0257
Total	**8.3000e-004**	**1.3700e-003**	**8.0700e-003**	**2.0000e-005**	**2.6500e-003**	**2.0000e-005**	**2.6700e-003**	**7.1000e-004**	**2.0000e-005**	**7.2000e-004**	**0.0000**	**2.3138**	**2.3138**	**5.0000e-005**	**1.1000e-004**	**2.3463**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					5.6000e-004	0.0000	5.6000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0409	0.3987	0.3192	6.0000e-004		0.0193	0.0193		0.0179	0.0179	0.0000	52.6848	52.6848	0.0148	0.0000	53.0548
Total	**0.0409**	**0.3987**	**0.3192**	**6.0000e-004**	**5.6000e-004**	**0.0193**	**0.0198**	**8.0000e-005**	**0.0179**	**0.0180**	**0.0000**	**52.6848**	**52.6848**	**0.0148**	**0.0000**	**53.0548**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.0000e-005	7.4000e-004	1.6000e-004	0.0000	9.0000e-005	1.0000e-005	1.0000e-004	3.0000e-005	1.0000e-005	3.0000e-005	0.0000	0.3061	0.3061	0.0000	5.0000e-005	0.3206
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.1000e-004	6.3000e-004	7.9100e-003	2.0000e-005	2.5600e-003	1.0000e-005	2.5700e-003	6.8000e-004	1.0000e-005	6.9000e-004	0.0000	2.0077	2.0077	5.0000e-005	6.0000e-005	2.0257
Total	**8.3000e-004**	**1.3700e-003**	**8.0700e-003**	**2.0000e-005**	**2.6500e-003**	**2.0000e-005**	**2.6700e-003**	**7.1000e-004**	**2.0000e-005**	**7.2000e-004**	**0.0000**	**2.3138**	**2.3138**	**5.0000e-005**	**1.1000e-004**	**2.3463**

3.3 Site Preparation - Phase 1 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.8846	0.0000	0.8846	0.4546	0.0000	0.4546	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1427	1.4888	0.8864	1.7100e-003		0.0726	0.0726		0.0668	0.0668	0.0000	150.4773	150.4773	0.0487	0.0000	151.6939
Total	**0.1427**	**1.4888**	**0.8864**	**1.7100e-003**	**0.8846**	**0.0726**	**0.9571**	**0.4546**	**0.0668**	**0.5214**	**0.0000**	**150.4773**	**150.4773**	**0.0487**	**0.0000**	**151.6939**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8300e-003	2.2000e-003	0.0276	8.0000e-005	8.9000e-003	5.0000e-005	8.9500e-003	2.3600e-003	4.0000e-005	2.4100e-003	0.0000	6.9946	6.9946	1.9000e-004	1.9000e-004	7.0574
Total	**2.8300e-003**	**2.2000e-003**	**0.0276**	**8.0000e-005**	**8.9000e-003**	**5.0000e-005**	**8.9500e-003**	**2.3600e-003**	**4.0000e-005**	**2.4100e-003**	**0.0000**	**6.9946**	**6.9946**	**1.9000e-004**	**1.9000e-004**	**7.0574**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.3981	0.0000	0.3981	0.2046	0.0000	0.2046	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1427	1.4888	0.8864	1.7100e-003		0.0726	0.0726		0.0668	0.0668	0.0000	150.4771	150.4771	0.0487	0.0000	151.6938
Total	**0.1427**	**1.4888**	**0.8864**	**1.7100e-003**	**0.3981**	**0.0726**	**0.4706**	**0.2046**	**0.0668**	**0.2713**	**0.0000**	**150.4771**	**150.4771**	**0.0487**	**0.0000**	**151.6938**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8300e-003	2.2000e-003	0.0276	8.0000e-005	8.9000e-003	5.0000e-005	8.9500e-003	2.3600e-003	4.0000e-005	2.4100e-003	0.0000	6.9946	6.9946	1.9000e-004	1.9000e-004	7.0574
Total	**2.8300e-003**	**2.2000e-003**	**0.0276**	**8.0000e-005**	**8.9000e-003**	**5.0000e-005**	**8.9500e-003**	**2.3600e-003**	**4.0000e-005**	**2.4100e-003**	**0.0000**	**6.9946**	**6.9946**	**1.9000e-004**	**1.9000e-004**	**7.0574**

3.4 Site Preparation - Phase 2 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1081	0.0000	0.1081	0.0556	0.0000	0.0556	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0174	0.1820	0.1083	2.1000e-004		8.8700e-003	8.8700e-003		8.1600e-003	8.1600e-003	0.0000	18.3917	18.3917	5.9500e-003	0.0000	18.5404
Total	**0.0174**	**0.1820**	**0.1083**	**2.1000e-004**	**0.1081**	**8.8700e-003**	**0.1170**	**0.0556**	**8.1600e-003**	**0.0637**	**0.0000**	**18.3917**	**18.3917**	**5.9500e-003**	**0.0000**	**18.5404**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.5000e-004	2.7000e-004	3.3700e-003	1.0000e-005	1.0900e-003	1.0000e-005	1.0900e-003	2.9000e-004	1.0000e-005	2.9000e-004	0.0000	0.8549	0.8549	2.0000e-005	2.0000e-005	0.8626
Total	**3.5000e-004**	**2.7000e-004**	**3.3700e-003**	**1.0000e-005**	**1.0900e-003**	**1.0000e-005**	**1.0900e-003**	**2.9000e-004**	**1.0000e-005**	**2.9000e-004**	**0.0000**	**0.8549**	**0.8549**	**2.0000e-005**	**2.0000e-005**	**0.8626**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0487	0.0000	0.0487	0.0250	0.0000	0.0250	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0174	0.1820	0.1083	2.1000e-004		8.8700e-003	8.8700e-003		8.1600e-003	8.1600e-003	0.0000	18.3916	18.3916	5.9500e-003	0.0000	18.5404
Total	**0.0174**	**0.1820**	**0.1083**	**2.1000e-004**	**0.0487**	**8.8700e-003**	**0.0575**	**0.0250**	**8.1600e-003**	**0.0332**	**0.0000**	**18.3916**	**18.3916**	**5.9500e-003**	**0.0000**	**18.5404**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.5000e-004	2.7000e-004	3.3700e-003	1.0000e-005	1.0900e-003	1.0000e-005	1.0900e-003	2.9000e-004	1.0000e-005	2.9000e-004	0.0000	0.8549	0.8549	2.0000e-005	2.0000e-005	0.8626
Total	**3.5000e-004**	**2.7000e-004**	**3.3700e-003**	**1.0000e-005**	**1.0900e-003**	**1.0000e-005**	**1.0900e-003**	**2.9000e-004**	**1.0000e-005**	**2.9000e-004**	**0.0000**	**0.8549**	**0.8549**	**2.0000e-005**	**2.0000e-005**	**0.8626**

3.5 Grading - Phase 1 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.7204	0.0000	0.7204	0.2829	0.0000	0.2829	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2791	2.9910	2.2362	4.7800e-003		0.1259	0.1259		0.1158	0.1158	0.0000	419.9164	419.9164	0.1358	0.0000	423.3117
Total	**0.2791**	**2.9910**	**2.2362**	**4.7800e-003**	**0.7204**	**0.1259**	**0.8463**	**0.2829**	**0.1158**	**0.3987**	**0.0000**	**419.9164**	**419.9164**	**0.1358**	**0.0000**	**423.3117**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0120	0.3597	0.1399	1.2500e-003	0.0328	2.8800e-003	0.0357	9.0000e-003	2.7600e-003	0.0118	0.0000	120.5570	120.5570	1.7100e-003	0.0190	126.2581
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.3800e-003	4.1900e-003	0.0524	1.5000e-004	0.0169	9.0000e-005	0.0170	4.4900e-003	8.0000e-005	4.5700e-003	0.0000	13.2984	13.2984	3.6000e-004	3.7000e-004	13.4177
Total	**0.0174**	**0.3639**	**0.1923**	**1.4000e-003**	**0.0497**	**2.9700e-003**	**0.0527**	**0.0135**	**2.8400e-003**	**0.0163**	**0.0000**	**133.8554**	**133.8554**	**2.0700e-003**	**0.0194**	**139.6759**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.3242	0.0000	0.3242	0.1273	0.0000	0.1273	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2791	2.9909	2.2362	4.7800e-003		0.1259	0.1259		0.1158	0.1158	0.0000	419.9159	419.9159	0.1358	0.0000	423.3112
Total	**0.2791**	**2.9909**	**2.2362**	**4.7800e-003**	**0.3242**	**0.1259**	**0.4501**	**0.1273**	**0.1158**	**0.2431**	**0.0000**	**419.9159**	**419.9159**	**0.1358**	**0.0000**	**423.3112**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0120	0.3597	0.1399	1.2500e-003	0.0328	2.8800e-003	0.0357	9.0000e-003	2.7600e-003	0.0118	0.0000	120.5570	120.5570	1.7100e-003	0.0190	126.2581
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.3800e-003	4.1900e-003	0.0524	1.5000e-004	0.0169	9.0000e-005	0.0170	4.4900e-003	8.0000e-005	4.5700e-003	0.0000	13.2984	13.2984	3.6000e-004	3.7000e-004	13.4177
Total	**0.0174**	**0.3639**	**0.1923**	**1.4000e-003**	**0.0497**	**2.9700e-003**	**0.0527**	**0.0135**	**2.8400e-003**	**0.0163**	**0.0000**	**133.8554**	**133.8554**	**2.0700e-003**	**0.0194**	**139.6759**

3.5 Grading - Phase 1 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2658	0.0000	0.2658	0.0330	0.0000	0.0330	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.9800e-003	0.0518	0.0421	9.0000e-005		2.1400e-003	2.1400e-003		1.9700e-003	1.9700e-003	0.0000	8.1803	8.1803	2.6500e-003	0.0000	8.2464
Total	**4.9800e-003**	**0.0518**	**0.0421**	**9.0000e-005**	**0.2658**	**2.1400e-003**	**0.2679**	**0.0330**	**1.9700e-003**	**0.0350**	**0.0000**	**8.1803**	**8.1803**	**2.6500e-003**	**0.0000**	**8.2464**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.0000e-004	5.8500e-003	2.7800e-003	2.0000e-005	6.4000e-004	5.0000e-005	6.8000e-004	1.8000e-004	4.0000e-005	2.2000e-004	0.0000	2.2492	2.2492	3.0000e-005	3.5000e-004	2.3557
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-004	7.0000e-005	9.4000e-004	0.0000	3.3000e-004	0.0000	3.3000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.2508	0.2508	1.0000e-005	1.0000e-005	0.2529
Total	**3.0000e-004**	**5.9200e-003**	**3.7200e-003**	**2.0000e-005**	**9.7000e-004**	**5.0000e-005**	**1.0100e-003**	**2.7000e-004**	**4.0000e-005**	**3.1000e-004**	**0.0000**	**2.5000**	**2.5000**	**4.0000e-005**	**3.6000e-004**	**2.6086**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1196	0.0000	0.1196	0.0149	0.0000	0.0149	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.9800e-003	0.0518	0.0421	9.0000e-005		2.1400e-003	2.1400e-003		1.9700e-003	1.9700e-003	0.0000	8.1803	8.1803	2.6500e-003	0.0000	8.2464
Total	**4.9800e-003**	**0.0518**	**0.0421**	**9.0000e-005**	**0.1196**	**2.1400e-003**	**0.1217**	**0.0149**	**1.9700e-003**	**0.0168**	**0.0000**	**8.1803**	**8.1803**	**2.6500e-003**	**0.0000**	**8.2464**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.0000e-004	5.8500e-003	2.7800e-003	2.0000e-005	6.4000e-004	5.0000e-005	6.8000e-004	1.8000e-004	4.0000e-005	2.2000e-004	0.0000	2.2492	2.2492	3.0000e-005	3.5000e-004	2.3557
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-004	7.0000e-005	9.4000e-004	0.0000	3.3000e-004	0.0000	3.3000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.2508	0.2508	1.0000e-005	1.0000e-005	0.2529
Total	**3.0000e-004**	**5.9200e-003**	**3.7200e-003**	**2.0000e-005**	**9.7000e-004**	**5.0000e-005**	**1.0100e-003**	**2.7000e-004**	**4.0000e-005**	**3.1000e-004**	**0.0000**	**2.5000**	**2.5000**	**4.0000e-005**	**3.6000e-004**	**2.6086**

3.6 Grading - Phase 2 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1012	0.0000	0.1012	0.0402	0.0000	0.0402	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0399	0.4273	0.3195	6.8000e-004		0.0180	0.0180		0.0166	0.0166	0.0000	59.9881	59.9881	0.0194	0.0000	60.4731
Total	**0.0399**	**0.4273**	**0.3195**	**6.8000e-004**	**0.1012**	**0.0180**	**0.1192**	**0.0402**	**0.0166**	**0.0567**	**0.0000**	**59.9881**	**59.9881**	**0.0194**	**0.0000**	**60.4731**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.7000e-004	6.0000e-004	7.4800e-003	2.0000e-005	2.4200e-003	1.0000e-005	2.4300e-003	6.4000e-004	1.0000e-005	6.5000e-004	0.0000	1.8998	1.8998	5.0000e-005	5.0000e-005	1.9168
Total	**7.7000e-004**	**6.0000e-004**	**7.4800e-003**	**2.0000e-005**	**2.4200e-003**	**1.0000e-005**	**2.4300e-003**	**6.4000e-004**	**1.0000e-005**	**6.5000e-004**	**0.0000**	**1.8998**	**1.8998**	**5.0000e-005**	**5.0000e-005**	**1.9168**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0456	0.0000	0.0456	0.0181	0.0000	0.0181	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0399	0.4273	0.3195	6.8000e-004		0.0180	0.0180		0.0166	0.0166	0.0000	59.9880	59.9880	0.0194	0.0000	60.4730
Total	**0.0399**	**0.4273**	**0.3195**	**6.8000e-004**	**0.0456**	**0.0180**	**0.0635**	**0.0181**	**0.0166**	**0.0346**	**0.0000**	**59.9880**	**59.9880**	**0.0194**	**0.0000**	**60.4730**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.7000e-004	6.0000e-004	7.4800e-003	2.0000e-005	2.4200e-003	1.0000e-005	2.4300e-003	6.4000e-004	1.0000e-005	6.5000e-004	0.0000	1.8998	1.8998	5.0000e-005	5.0000e-005	1.9168
Total	**7.7000e-004**	**6.0000e-004**	**7.4800e-003**	**2.0000e-005**	**2.4200e-003**	**1.0000e-005**	**2.4300e-003**	**6.4000e-004**	**1.0000e-005**	**6.5000e-004**	**0.0000**	**1.8998**	**1.8998**	**5.0000e-005**	**5.0000e-005**	**1.9168**

3.7 Building Construction - Phase 2 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1032	0.9448	0.9900	1.6300e-003		0.0490	0.0490		0.0461	0.0461	0.0000	140.1938	140.1938	0.0336	0.0000	141.0334
Total	**0.1032**	**0.9448**	**0.9900**	**1.6300e-003**		**0.0490**	**0.0490**		**0.0461**	**0.0461**	**0.0000**	**140.1938**	**140.1938**	**0.0336**	**0.0000**	**141.0334**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0313	0.8754	0.2950	3.5900e-003	0.1246	0.0120	0.1366	0.0360	0.0115	0.0475	0.0000	345.3843	345.3843	3.6300e-003	0.0513	360.7481
Worker	0.1922	0.1496	1.8708	5.1800e-003	0.6045	3.0600e-003	0.6075	0.1605	2.8200e-003	0.1633	0.0000	474.8951	474.8951	0.0128	0.0132	479.1566
Total	**0.2235**	**1.0251**	**2.1657**	**8.7700e-003**	**0.7291**	**0.0151**	**0.7442**	**0.1965**	**0.0143**	**0.2108**	**0.0000**	**820.2793**	**820.2793**	**0.0164**	**0.0645**	**839.9047**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1032	0.9448	0.9900	1.6300e-003		0.0490	0.0490		0.0461	0.0461	0.0000	140.1936	140.1936	0.0336	0.0000	141.0333
Total	**0.1032**	**0.9448**	**0.9900**	**1.6300e-003**		**0.0490**	**0.0490**		**0.0461**	**0.0461**	**0.0000**	**140.1936**	**140.1936**	**0.0336**	**0.0000**	**141.0333**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0313	0.8754	0.2950	3.5900e-003	0.1246	0.0120	0.1366	0.0360	0.0115	0.0475	0.0000	345.3843	345.3843	3.6300e-003	0.0513	360.7481
Worker	0.1922	0.1496	1.8708	5.1800e-003	0.6045	3.0600e-003	0.6075	0.1605	2.8200e-003	0.1633	0.0000	474.8951	474.8951	0.0128	0.0132	479.1566
Total	**0.2235**	**1.0251**	**2.1657**	**8.7700e-003**	**0.7291**	**0.0151**	**0.7442**	**0.1965**	**0.0143**	**0.2108**	**0.0000**	**820.2793**	**820.2793**	**0.0164**	**0.0645**	**839.9047**

3.7 Building Construction - Phase 2 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0865	0.7912	0.8934	1.4800e-003		0.0385	0.0385		0.0362	0.0362	0.0000	127.4926	127.4926	0.0303	0.0000	128.2508
Total	**0.0865**	**0.7912**	**0.8934**	**1.4800e-003**		**0.0385**	**0.0385**		**0.0362**	**0.0362**	**0.0000**	**127.4926**	**127.4926**	**0.0303**	**0.0000**	**128.2508**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0194	0.6147	0.2449	3.1400e-003	0.1133	5.1100e-003	0.1184	0.0327	4.8900e-003	0.0376	0.0000	301.6732	301.6732	3.0500e-003	0.0446	315.0423
Worker	0.1622	0.1201	1.5653	4.5600e-003	0.5495	2.6100e-003	0.5521	0.1459	2.4100e-003	0.1483	0.0000	417.8847	417.8847	0.0104	0.0111	421.4520
Total	**0.1816**	**0.7349**	**1.8102**	**7.7000e-003**	**0.6628**	**7.7200e-003**	**0.6705**	**0.1786**	**7.3000e-003**	**0.1859**	**0.0000**	**719.5578**	**719.5578**	**0.0135**	**0.0557**	**736.4944**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0865	0.7912	0.8934	1.4800e-003		0.0385	0.0385		0.0362	0.0362	0.0000	127.4925	127.4925	0.0303	0.0000	128.2507
Total	**0.0865**	**0.7912**	**0.8934**	**1.4800e-003**		**0.0385**	**0.0385**		**0.0362**	**0.0362**	**0.0000**	**127.4925**	**127.4925**	**0.0303**	**0.0000**	**128.2507**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0194	0.6147	0.2449	3.1400e-003	0.1133	5.1100e-003	0.1184	0.0327	4.8900e-003	0.0376	0.0000	301.6732	301.6732	3.0500e-003	0.0446	315.0423
Worker	0.1622	0.1201	1.5653	4.5600e-003	0.5495	2.6100e-003	0.5521	0.1459	2.4100e-003	0.1483	0.0000	417.8847	417.8847	0.0104	0.0111	421.4520
Total	**0.1816**	**0.7349**	**1.8102**	**7.7000e-003**	**0.6628**	**7.7200e-003**	**0.6705**	**0.1786**	**7.3000e-003**	**0.1859**	**0.0000**	**719.5578**	**719.5578**	**0.0135**	**0.0557**	**736.4944**

3.8 Building Construction - Phase 1 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2847	2.6037	2.9402	4.8800e-003		0.1267	0.1267		0.1192	0.1192	0.0000	419.5666	419.5666	0.0998	0.0000	422.0618
Total	**0.2847**	**2.6037**	**2.9402**	**4.8800e-003**		**0.1267**	**0.1267**		**0.1192**	**0.1192**	**0.0000**	**419.5666**	**419.5666**	**0.0998**	**0.0000**	**422.0618**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0640	2.0231	0.8060	0.0103	0.3728	0.0168	0.3896	0.1076	0.0161	0.1236	0.0000	992.7789	992.7789	0.0100	0.1468	1,036.7756
Worker	0.5337	0.3954	5.1512	0.0150	1.8084	8.6000e-003	1.8170	0.4802	7.9200e-003	0.4881	0.0000	1,375.2204	1,375.2204	0.0343	0.0365	1,386.9603
Total	**0.5977**	**2.4185**	**5.9572**	**0.0253**	**2.1812**	**0.0254**	**2.2066**	**0.5878**	**0.0240**	**0.6118**	**0.0000**	**2,367.9993**	**2,367.9993**	**0.0444**	**0.1833**	**2,423.7360**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2847	2.6037	2.9402	4.8800e-003		0.1267	0.1267		0.1192	0.1192	0.0000	419.5661	419.5661	0.0998	0.0000	422.0613
Total	**0.2847**	**2.6037**	**2.9402**	**4.8800e-003**		**0.1267**	**0.1267**		**0.1192**	**0.1192**	**0.0000**	**419.5661**	**419.5661**	**0.0998**	**0.0000**	**422.0613**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0640	2.0231	0.8060	0.0103	0.3728	0.0168	0.3896	0.1076	0.0161	0.1236	0.0000	992.7789	992.7789	0.0100	0.1468	1,036.7756
Worker	0.5337	0.3954	5.1512	0.0150	1.8084	8.6000e-003	1.8170	0.4802	7.9200e-003	0.4881	0.0000	1,375.2204	1,375.2204	0.0343	0.0365	1,386.9603
Total	**0.5977**	**2.4185**	**5.9572**	**0.0253**	**2.1812**	**0.0254**	**2.2066**	**0.5878**	**0.0240**	**0.6118**	**0.0000**	**2,367.9993**	**2,367.9993**	**0.0444**	**0.1833**	**2,423.7360**

3.8 Building Construction - Phase 1 - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2016	1.8418	2.2149	3.6900e-003		0.0840	0.0840		0.0790	0.0790	0.0000	317.6333	317.6333	0.0751	0.0000	319.5111
Total	**0.2016**	**1.8418**	**2.2149**	**3.6900e-003**		**0.0840**	**0.0840**		**0.0790**	**0.0790**	**0.0000**	**317.6333**	**317.6333**	**0.0751**	**0.0000**	**319.5111**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0476	1.5314	0.6031	7.6900e-003	0.2822	0.0126	0.2948	0.0814	0.0121	0.0935	0.0000	739.8645	739.8645	7.8600e-003	0.1092	772.6121
Worker	0.3771	0.2664	3.6464	0.0110	1.3688	6.2100e-003	1.3750	0.3635	5.7200e-003	0.3692	0.0000	1,007.9543	1,007.9543	0.0236	0.0257	1,016.1926
Total	**0.4247**	**1.7978**	**4.2495**	**0.0187**	**1.6509**	**0.0189**	**1.6698**	**0.4449**	**0.0178**	**0.4627**	**0.0000**	**1,747.8188**	**1,747.8188**	**0.0314**	**0.1349**	**1,788.8047**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2016	1.8418	2.2149	3.6900e-003		0.0840	0.0840		0.0790	0.0790	0.0000	317.6329	317.6329	0.0751	0.0000	319.5107
Total	**0.2016**	**1.8418**	**2.2149**	**3.6900e-003**		**0.0840**	**0.0840**		**0.0790**	**0.0790**	**0.0000**	**317.6329**	**317.6329**	**0.0751**	**0.0000**	**319.5107**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0476	1.5314	0.6031	7.6900e-003	0.2822	0.0126	0.2948	0.0814	0.0121	0.0935	0.0000	739.8645	739.8645	7.8600e-003	0.1092	772.6121
Worker	0.3771	0.2664	3.6464	0.0110	1.3688	6.2100e-003	1.3750	0.3635	5.7200e-003	0.3692	0.0000	1,007.9543	1,007.9543	0.0236	0.0257	1,016.1926
Total	**0.4247**	**1.7978**	**4.2495**	**0.0187**	**1.6509**	**0.0189**	**1.6698**	**0.4449**	**0.0178**	**0.4627**	**0.0000**	**1,747.8188**	**1,747.8188**	**0.0314**	**0.1349**	**1,788.8047**

3.9 Paving - Phase 2 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0108	0.1070	0.1531	2.4000e-004		5.3600e-003	5.3600e-003		4.9300e-003	4.9300e-003	0.0000	21.0282	21.0282	6.8000e-003	0.0000	21.1982
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0108**	**0.1070**	**0.1531**	**2.4000e-004**		**5.3600e-003**	**5.3600e-003**		**4.9300e-003**	**4.9300e-003**	**0.0000**	**21.0282**	**21.0282**	**6.8000e-003**	**0.0000**	**21.1982**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.1000e-004	3.8000e-004	4.9300e-003	1.0000e-005	1.7300e-003	1.0000e-005	1.7400e-003	4.6000e-004	1.0000e-005	4.7000e-004	0.0000	1.3165	1.3165	3.0000e-005	3.0000e-005	1.3277
Total	**5.1000e-004**	**3.8000e-004**	**4.9300e-003**	**1.0000e-005**	**1.7300e-003**	**1.0000e-005**	**1.7400e-003**	**4.6000e-004**	**1.0000e-005**	**4.7000e-004**	**0.0000**	**1.3165**	**1.3165**	**3.0000e-005**	**3.0000e-005**	**1.3277**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0108	0.1070	0.1531	2.4000e-004		5.3600e-003	5.3600e-003		4.9300e-003	4.9300e-003	0.0000	21.0282	21.0282	6.8000e-003	0.0000	21.1982
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0108**	**0.1070**	**0.1531**	**2.4000e-004**		**5.3600e-003**	**5.3600e-003**		**4.9300e-003**	**4.9300e-003**	**0.0000**	**21.0282**	**21.0282**	**6.8000e-003**	**0.0000**	**21.1982**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.1000e-004	3.8000e-004	4.9300e-003	1.0000e-005	1.7300e-003	1.0000e-005	1.7400e-003	4.6000e-004	1.0000e-005	4.7000e-004	0.0000	1.3165	1.3165	3.0000e-005	3.0000e-005	1.3277
Total	**5.1000e-004**	**3.8000e-004**	**4.9300e-003**	**1.0000e-005**	**1.7300e-003**	**1.0000e-005**	**1.7400e-003**	**4.6000e-004**	**1.0000e-005**	**4.7000e-004**	**0.0000**	**1.3165**	**1.3165**	**3.0000e-005**	**3.0000e-005**	**1.3277**

3.10 Architectural Coating - Phase 2 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.7544					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.1100e-003	0.0143	0.0199	3.0000e-005		7.8000e-004	7.8000e-004		7.8000e-004	7.8000e-004	0.0000	2.8086	2.8086	1.7000e-004	0.0000	2.8128
Total	**0.7565**	**0.0143**	**0.0199**	**3.0000e-005**		**7.8000e-004**	**7.8000e-004**		**7.8000e-004**	**7.8000e-004**	**0.0000**	**2.8086**	**2.8086**	**1.7000e-004**	**0.0000**	**2.8128**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.4900e-003	4.8100e-003	0.0627	1.8000e-004	0.0220	1.0000e-004	0.0221	5.8400e-003	1.0000e-004	5.9400e-003	0.0000	16.7338	16.7338	4.2000e-004	4.4000e-004	16.8766
Total	**6.4900e-003**	**4.8100e-003**	**0.0627**	**1.8000e-004**	**0.0220**	**1.0000e-004**	**0.0221**	**5.8400e-003**	**1.0000e-004**	**5.9400e-003**	**0.0000**	**16.7338**	**16.7338**	**4.2000e-004**	**4.4000e-004**	**16.8766**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.7544					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.1100e-003	0.0143	0.0199	3.0000e-005		7.8000e-004	7.8000e-004		7.8000e-004	7.8000e-004	0.0000	2.8086	2.8086	1.7000e-004	0.0000	2.8128
Total	**0.7565**	**0.0143**	**0.0199**	**3.0000e-005**		**7.8000e-004**	**7.8000e-004**		**7.8000e-004**	**7.8000e-004**	**0.0000**	**2.8086**	**2.8086**	**1.7000e-004**	**0.0000**	**2.8128**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.4900e-003	4.8100e-003	0.0627	1.8000e-004	0.0220	1.0000e-004	0.0221	5.8400e-003	1.0000e-004	5.9400e-003	0.0000	16.7338	16.7338	4.2000e-004	4.4000e-004	16.8766
Total	**6.4900e-003**	**4.8100e-003**	**0.0627**	**1.8000e-004**	**0.0220**	**1.0000e-004**	**0.0221**	**5.8400e-003**	**1.0000e-004**	**5.9400e-003**	**0.0000**	**16.7338**	**16.7338**	**4.2000e-004**	**4.4000e-004**	**16.8766**

3.11 Paving - Phase 1 - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0455	0.4381	0.6728	1.0500e-003		0.0216	0.0216		0.0198	0.0198	0.0000	92.1220	92.1220	0.0298	0.0000	92.8669
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0455**	**0.4381**	**0.6728**	**1.0500e-003**		**0.0216**	**0.0216**		**0.0198**	**0.0198**	**0.0000**	**92.1220**	**92.1220**	**0.0298**	**0.0000**	**92.8669**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0900e-003	1.4800e-003	0.0202	6.0000e-005	7.5800e-003	3.0000e-005	7.6200e-003	2.0100e-003	3.0000e-005	2.0500e-003	0.0000	5.5848	5.5848	1.3000e-004	1.4000e-004	5.6304
Total	**2.0900e-003**	**1.4800e-003**	**0.0202**	**6.0000e-005**	**7.5800e-003**	**3.0000e-005**	**7.6200e-003**	**2.0100e-003**	**3.0000e-005**	**2.0500e-003**	**0.0000**	**5.5848**	**5.5848**	**1.3000e-004**	**1.4000e-004**	**5.6304**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0455	0.4381	0.6728	1.0500e-003		0.0216	0.0216		0.0198	0.0198	0.0000	92.1219	92.1219	0.0298	0.0000	92.8668
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0455**	**0.4381**	**0.6728**	**1.0500e-003**		**0.0216**	**0.0216**		**0.0198**	**0.0198**	**0.0000**	**92.1219**	**92.1219**	**0.0298**	**0.0000**	**92.8668**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0900e-003	1.4800e-003	0.0202	6.0000e-005	7.5800e-003	3.0000e-005	7.6200e-003	2.0100e-003	3.0000e-005	2.0500e-003	0.0000	5.5848	5.5848	1.3000e-004	1.4000e-004	5.6304
Total	**2.0900e-003**	**1.4800e-003**	**0.0202**	**6.0000e-005**	**7.5800e-003**	**3.0000e-005**	**7.6200e-003**	**2.0100e-003**	**3.0000e-005**	**2.0500e-003**	**0.0000**	**5.5848**	**5.5848**	**1.3000e-004**	**1.4000e-004**	**5.6304**

3.11 Paving - Phase 1 - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.6900e-003	0.0815	0.1385	2.2000e-004		3.9800e-003	3.9800e-003		3.6600e-003	3.6600e-003	0.0000	19.0183	19.0183	6.1500e-003	0.0000	19.1721
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**8.6900e-003**	**0.0815**	**0.1385**	**2.2000e-004**		**3.9800e-003**	**3.9800e-003**		**3.6600e-003**	**3.6600e-003**	**0.0000**	**19.0183**	**19.0183**	**6.1500e-003**	**0.0000**	**19.1721**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0000e-004	2.7000e-004	3.8800e-003	1.0000e-005	1.5700e-003	1.0000e-005	1.5700e-003	4.2000e-004	1.0000e-005	4.2000e-004	0.0000	1.1143	1.1143	2.0000e-005	3.0000e-005	1.1230
Total	**4.0000e-004**	**2.7000e-004**	**3.8800e-003**	**1.0000e-005**	**1.5700e-003**	**1.0000e-005**	**1.5700e-003**	**4.2000e-004**	**1.0000e-005**	**4.2000e-004**	**0.0000**	**1.1143**	**1.1143**	**2.0000e-005**	**3.0000e-005**	**1.1230**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.6900e-003	0.0815	0.1385	2.2000e-004		3.9800e-003	3.9800e-003		3.6600e-003	3.6600e-003	0.0000	19.0183	19.0183	6.1500e-003	0.0000	19.1720
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**8.6900e-003**	**0.0815**	**0.1385**	**2.2000e-004**		**3.9800e-003**	**3.9800e-003**		**3.6600e-003**	**3.6600e-003**	**0.0000**	**19.0183**	**19.0183**	**6.1500e-003**	**0.0000**	**19.1720**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0000e-004	2.7000e-004	3.8800e-003	1.0000e-005	1.5700e-003	1.0000e-005	1.5700e-003	4.2000e-004	1.0000e-005	4.2000e-004	0.0000	1.1143	1.1143	2.0000e-005	3.0000e-005	1.1230
Total	**4.0000e-004**	**2.7000e-004**	**3.8800e-003**	**1.0000e-005**	**1.5700e-003**	**1.0000e-005**	**1.5700e-003**	**4.2000e-004**	**1.0000e-005**	**4.2000e-004**	**0.0000**	**1.1143**	**1.1143**	**2.0000e-005**	**3.0000e-005**	**1.1230**

3.12 Architectural Coating - Phase 1 - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.8223					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.4100e-003	0.0430	0.0678	1.1000e-004		1.9300e-003	1.9300e-003		1.9300e-003	1.9300e-003	0.0000	9.5747	9.5747	5.2000e-004	0.0000	9.5878
Total	**2.8287**	**0.0430**	**0.0678**	**1.1000e-004**		**1.9300e-003**	**1.9300e-003**		**1.9300e-003**	**1.9300e-003**	**0.0000**	**9.5747**	**9.5747**	**5.2000e-004**	**0.0000**	**9.5878**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0193	0.0131	0.1860	5.8000e-004	0.0750	3.2000e-004	0.0753	0.0199	3.0000e-004	0.0202	0.0000	53.3672	53.3672	1.1700e-003	1.3100e-003	53.7875
Total	**0.0193**	**0.0131**	**0.1860**	**5.8000e-004**	**0.0750**	**3.2000e-004**	**0.0753**	**0.0199**	**3.0000e-004**	**0.0202**	**0.0000**	**53.3672**	**53.3672**	**1.1700e-003**	**1.3100e-003**	**53.7875**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.8223					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.4100e-003	0.0430	0.0678	1.1000e-004		1.9300e-003	1.9300e-003		1.9300e-003	1.9300e-003	0.0000	9.5747	9.5747	5.2000e-004	0.0000	9.5878
Total	**2.8287**	**0.0430**	**0.0678**	**1.1000e-004**		**1.9300e-003**	**1.9300e-003**		**1.9300e-003**	**1.9300e-003**	**0.0000**	**9.5747**	**9.5747**	**5.2000e-004**	**0.0000**	**9.5878**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0193	0.0131	0.1860	5.8000e-004	0.0750	3.2000e-004	0.0753	0.0199	3.0000e-004	0.0202	0.0000	53.3672	53.3672	1.1700e-003	1.3100e-003	53.7875
Total	**0.0193**	**0.0131**	**0.1860**	**5.8000e-004**	**0.0750**	**3.2000e-004**	**0.0753**	**0.0199**	**3.0000e-004**	**0.0202**	**0.0000**	**53.3672**	**53.3672**	**1.1700e-003**	**1.3100e-003**	**53.7875**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.9124	1.1637	9.6491	0.0225	2.5958	0.0160	2.6118	0.6930	0.0149	0.7079	0.0000	2,074.1991	2,074.1991	0.1084	0.0856	2,102.4118

Unmitigated	0.9124	1.1637	9.6491	0.0225	2.5958	0.0160	2.6118	0.6930	0.0149	0.7079	0.0000	2,074.1991	2,074.1991	0.1084	0.0856	2,102.4118

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Condo/Townhouse	429.20	476.76	367.72	1,644,372	1,644,372
Fast Food Restaurant with Drive Thru	377.50	493.90	378.80	1,190,642	1,190,642
Single Family Housing	1,063.23	1,075.68	963.63	4,044,538	4,044,538
Total	1,869.93	2,046.34	1,710.15	6,879,552	6,879,552

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Condo/Townhouse	14.70	5.90	8.70	40.20	19.20	40.60	100	0	0
Fast Food Restaurant with Drive	16.60	8.40	6.90	2.20	78.80	19.00	100	0	0
Single Family Housing	14.70	5.90	8.70	40.20	19.20	40.60	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.540541	0.056458	0.173793	0.136090	0.025268	0.007074	0.011525	0.018705	0.000610	0.000304	0.023606	0.001094	0.004932
Condo/Townhouse	0.550845	0.057534	0.177106	0.138684	0.025750	0.007209	0.011745	0.000000	0.000622	0.000310	0.024056	0.001115	0.005026
Fast Food Restaurant with Drive Thru	0.540541	0.056458	0.173793	0.136090	0.025268	0.007074	0.011525	0.018705	0.000610	0.000304	0.023606	0.001094	0.004932
Single Family Housing	0.550845	0.057534	0.177106	0.138684	0.025750	0.007209	0.011745	0.000000	0.000622	0.000310	0.024056	0.001115	0.005026

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Kilowatt Hours of Renewable Electricity Generated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	399.9597	399.9597	0.0338	4.0900e-003	402.0230
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	535.8951	535.8951	0.0452	5.4800e-003	538.6597
NaturalGas Mitigated	0.0659	0.5710	0.2984	3.5900e-003		0.0455	0.0455		0.0455	0.0455	0.0000	651.9800	651.9800	0.0125	0.0120	655.8544
NaturalGas Unmitigated	0.0659	0.5710	0.2984	3.5900e-003		0.0455	0.0455		0.0455	0.0455	0.0000	651.9800	651.9800	0.0125	0.0120	655.8544

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	2.4476e+006	0.0132	0.1128	0.0480	7.2000e-004		9.1200e-003	9.1200e-003		9.1200e-003	9.1200e-003	0.0000	130.6131	130.6131	2.5000e-003	2.3900e-003	131.3892
Fast Food Restaurant with Drive Thru	2.7266e+006	0.0147	0.1337	0.1123	8.0000e-004		0.0102	0.0102		0.0102	0.0102	0.0000	145.5018	145.5018	2.7900e-003	2.6700e-003	146.3664
Single Family Housing	7.04345e+006	0.0380	0.3246	0.1381	2.0700e-003		0.0262	0.0262		0.0262	0.0262	0.0000	375.8652	375.8652	7.2000e-003	6.8900e-003	378.0988
Total		**0.0659**	**0.5710**	**0.2984**	**3.5900e-003**		**0.0455**	**0.0455**		**0.0455**	**0.0455**	**0.0000**	**651.9800**	**651.9800**	**0.0125**	**0.0120**	**655.8544**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	2.4476e+006	0.0132	0.1128	0.0480	7.2000e-004		9.1200e-003	9.1200e-003		9.1200e-003	9.1200e-003	0.0000	130.6131	130.6131	2.5000e-003	2.3900e-003	131.3892
Fast Food Restaurant with Drive Thru	2.7266e+006	0.0147	0.1337	0.1123	8.0000e-004		0.0102	0.0102		0.0102	0.0102	0.0000	145.5018	145.5018	2.7900e-003	2.6700e-003	146.3664
Single Family Housing	7.04345e+006	0.0380	0.3246	0.1381	2.0700e-003		0.0262	0.0262		0.0262	0.0262	0.0000	375.8652	375.8652	7.2000e-003	6.8900e-003	378.0988
Total		**0.0659**	**0.5710**	**0.2984**	**3.5900e-003**		**0.0455**	**0.0455**		**0.0455**	**0.0455**	**0.0000**	**651.9800**	**651.9800**	**0.0125**	**0.0120**	**655.8544**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use		Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	tons/yr	MT/yr			
City Park	0		0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	576956		102.3206	8.6400e-003	1.0500e-003	102.8485
Fast Food Restaurant with Drive Thru	461600		81.8627	6.9100e-003	8.4000e-004	82.2850
Single Family Housing	1.9832e+006		351.7117	0.0297	3.6000e-003	353.5262
Total			**535.8950**	**0.0452**	**5.4900e-003**	**538.6597**

Mitigated

	Electricity Use		Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	tons/yr	MT/yr			
City Park	-191625		-33.9838	-0.0029	-0.0004	-34.1592
Condo/Townhouse	385331		68.3368	5.7700e-003	7.0000e-004	68.6893
Fast Food Restaurant with Drive Thru	269975		47.8789	4.0400e-003	4.9000e-004	48.1259
Single Family Housing	1.79158e+006		317.7279	0.0268	3.2500e-003	319.3670
Total			**399.9597**	**0.0338**	**4.0900e-003**	**402.0230**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	2.3929	0.1077	3.7886	6.1000e-004		0.0261	0.0261		0.0261	0.0261	0.0000	80.6524	80.6524	7.3200e-003	1.3700e-003	81.2424

Unmitigated	2.3929	0.1077	3.7886	6.1000e-004		0.0261	0.0261		0.0261	0.0261	0.0000	80.6524	80.6524	7.3200e-003	1.3700e-003	81.2424

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1812					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.0913					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	7.5300e-003	0.0643	0.0274	4.1000e-004		5.2000e-003	5.2000e-003		5.2000e-003	5.2000e-003	0.0000	74.5026	74.5026	1.4300e-003	1.3700e-003	74.9453
Landscaping	0.1130	0.0433	3.7612	2.0000e-004		0.0209	0.0209		0.0209	0.0209	0.0000	6.1499	6.1499	5.8900e-003	0.0000	6.2972
Total	**2.3929**	**0.1077**	**3.7886**	**6.1000e-004**		**0.0261**	**0.0261**		**0.0261**	**0.0261**	**0.0000**	**80.6524**	**80.6524**	**7.3200e-003**	**1.3700e-003**	**81.2424**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1812					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.0913					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	7.5300e-003	0.0643	0.0274	4.1000e-004		5.2000e-003	5.2000e-003		5.2000e-003	5.2000e-003	0.0000	74.5026	74.5026	1.4300e-003	1.3700e-003	74.9453
Landscaping	0.1130	0.0433	3.7612	2.0000e-004		0.0209	0.0209		0.0209	0.0209	0.0000	6.1499	6.1499	5.8900e-003	0.0000	6.2972
Total	**2.3929**	**0.1077**	**3.7886**	**6.1000e-004**		**0.0261**	**0.0261**		**0.0261**	**0.0261**	**0.0000**	**80.6524**	**80.6524**	**7.3200e-003**	**1.3700e-003**	**81.2424**

7.0 Water Detail

7.1 Mitigation Measures Water

		Total CO2	CH4	N2O	CO2e
Category	tons/yr	MT/yr			
Mitigated		194.2580	0.8895	0.0225	223.2102

Unmitigated		194.2580	0.8895	0.0225	223.2102

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use		Total CO2	CH4	N2O	CO2e
Land Use	Mgal	tons/yr	MT/yr			
City Park	0 / 47.6593		93.9035	7.9300e-003	9.6000e-004	94.3879
Condo/Townhouse	7.55787 / 4.76474		29.2385	0.2485	6.0900e-003	37.2667
Fast Food Restaurant with Drive Thru	3.03534 / 0.193745		8.3540	0.0995	2.4100e-003	11.5607
Single Family Housing	16.2234 / 10.2278		62.7620	0.5335	0.0131	79.9949
Total			**194.2580**	**0.8895**	**0.0225**	**223.2102**

Mitigated

	Indoor/Outdoor Use		Total CO2	CH4	N2O	CO2e
Land Use	Mgal	tons/yr	MT/yr			
City Park	0 / 47.6593		93.9035	7.9300e-003	9.6000e-004	94.3879
Condo/Townhouse	7.55787 / 4.76474		29.2385	0.2485	6.0900e-003	37.2667
Fast Food Restaurant with Drive Thru	3.03534 / 0.193745		8.3540	0.0995	2.4100e-003	11.5607
Single Family Housing	16.2234 / 10.2278		62.7620	0.5335	0.0131	79.9949
Total			**194.2580**	**0.8895**	**0.0225**	**223.2102**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

		Total CO2	CH4	N2O	CO2e
	tons/yr	MT/yr			
Mitigated		94.1695	5.5653	0.0000	233.3010

Unmitigated		94.1695	5.5653	0.0000	233.3010

8.2 Waste by Land Use

Unmitigated

	Waste Disposed		Total CO2	CH4	N2O	CO2e
Land Use	tons	tons/yr	MT/yr			
City Park	3.44		0.6983	0.0413	0.0000	1.7300
Condo/Townhouse	53.36		10.8316	0.6401	0.0000	26.8348
Fast Food Restaurant with Drive Thru	115.19		23.3825	1.3819	0.0000	57.9292
Single Family Housing	291.92		59.2571	3.5020	0.0000	146.8070
Total			**94.1695**	**5.5653**	**0.0000**	**233.3011**

Mitigated

	Waste Disposed		Total CO2	CH4	N2O	CO2e
Land Use	tons	tons/yr	MT/yr			
City Park	3.44		0.6983	0.0413	0.0000	1.7300
Condo/Townhouse	53.36		10.8316	0.6401	0.0000	26.8348
Fast Food Restaurant with Drive Thru	115.19		23.3825	1.3819	0.0000	57.9292
Single Family Housing	291.92		59.2571	3.5020	0.0000	146.8070
Total			**94.1695**	**5.5653**	**0.0000**	**233.3011**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Trails at Corona 2025

Riverside-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
City Park	40.00	Acre	40.00	1,742,400.00	0
Fast Food Restaurant with Drive Thru	10.00	1000sqft	0.23	10,000.00	0
Condo/Townhouse	116.00	Dwelling Unit	2.66	116,000.00	332
Single Family Housing	249.00	Dwelling Unit	61.11	448,200.00	712

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.4	**Precipitation Freq (Days)**	28
Climate Zone	10			**Operational Year**	2025
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Note 1

Construction Phase - Note 2

Trips and VMT - Note 3

Demolition - Note 4

Grading - Note 3

Architectural Coating - Note 5

Vehicle Trips - Note 6

Woodstoves - Note 7

Construction Off-road Equipment Mitigation - Note 8

Energy Mitigation - Note 9

Fleet Mix - Note 6

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	5,001.00	10,002.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	5,001.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	15,002.00	30,004.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	15,002.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	380,835.00	598,902.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	380,835.00	162,768.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,142,505.00	1,796,706.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,142,505.00	488,304.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblArchitecturalCoating	EF_Parking	100.00	50.00
tblArchitecturalCoating	EF_Parking	100.00	50.00
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	220.00	75.00
tblConstructionPhase	NumDays	220.00	22.00
tblConstructionPhase	NumDays	3,100.00	231.00
tblConstructionPhase	NumDays	3,100.00	636.00
tblConstructionPhase	NumDays	200.00	31.00
tblConstructionPhase	NumDays	310.00	157.00
tblConstructionPhase	NumDays	310.00	22.00
tblConstructionPhase	NumDays	220.00	111.00
tblConstructionPhase	NumDays	220.00	21.00

tblConstructionPhase	NumDays	120.00	90.00
tblConstructionPhase	NumDays	120.00	11.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberWood	5.80	0.00
tblFireplaces	NumberWood	12.45	0.00
tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.00
tblFleetMix	LDA	0.54	0.55
tblFleetMix	LDA	0.54	0.55
tblFleetMix	LDT1	0.06	0.06
tblFleetMix	LDT1	0.06	0.06
tblFleetMix	LDT2	0.17	0.18
tblFleetMix	LDT2	0.17	0.18
tblFleetMix	LHD1	0.03	0.03
tblFleetMix	LHD1	0.03	0.03
tblFleetMix	LHD2	7.0740e-003	7.2090e-003

tblFleetMix	LHD2	7.0740e-003	7.2090e-003
tblFleetMix	MCY	0.02	0.02
tblFleetMix	MCY	0.02	0.02
tblFleetMix	MDV	0.14	0.14
tblFleetMix	MDV	0.14	0.14
tblFleetMix	MH	4.9320e-003	5.0260e-003
tblFleetMix	MH	4.9320e-003	5.0260e-003
tblFleetMix	MHD	0.01	0.01
tblFleetMix	MHD	0.01	0.01
tblFleetMix	OBUS	6.1000e-004	6.2200e-004
tblFleetMix	OBUS	6.1000e-004	6.2200e-004
tblFleetMix	SBUS	1.0940e-003	1.1150e-003
tblFleetMix	SBUS	1.0940e-003	1.1150e-003
tblFleetMix	UBUS	3.0400e-004	3.1000e-004
tblFleetMix	UBUS	3.0400e-004	3.1000e-004
tblGrading	MaterialExported	0.00	110,298.00
tblLandUse	LotAcreage	7.25	2.66
tblLandUse	LotAcreage	80.84	61.11
tblTripsAndVMT	HaulingTripLength	20.00	5.60
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	21.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	50.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	29.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00

tblVehicleTrips	ST_TR	1.96	0.00
tblVehicleTrips	ST_TR	8.14	4.11
tblVehicleTrips	ST_TR	616.12	49.39
tblVehicleTrips	ST_TR	9.54	4.32
tblVehicleTrips	SU_TR	2.19	0.00
tblVehicleTrips	SU_TR	6.28	3.17
tblVehicleTrips	SU_TR	472.58	37.88
tblVehicleTrips	SU_TR	8.55	3.87
tblVehicleTrips	WD_TR	0.78	0.00
tblVehicleTrips	WD_TR	7.32	3.70
tblVehicleTrips	WD_TR	470.95	37.75
tblVehicleTrips	WD_TR	9.44	4.27
tblWoodstoves	NumberCatalytic	5.80	0.00
tblWoodstoves	NumberCatalytic	12.45	0.00
tblWoodstoves	NumberNoncatalytic	5.80	0.00
tblWoodstoves	NumberNoncatalytic	12.45	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Year	lb/day										lb/day					
2022	9.6831	82.2504	88.9702	0.2589	29.8060	3.3094	33.0930	14.0008	3.0460	17.0262	0.0000	26,119.7419	26,119.7419	3.9234	1.4405	26,621.1395
2023	74.6999	65.3663	107.7743	0.3465	24.4970	2.2959	26.1770	7.1408	2.1314	9.2722	0.0000	35,256.2885	35,256.2885	2.8519	2.2115	35,959.2333
2024	4.9263	25.9219	51.5905	0.1695	12.2485	0.7508	12.9992	3.2958	0.7068	4.0026	0.0000	17,247.9975	17,247.9975	0.8572	1.0756	17,589.9427
2025	76.0099	8.6087	15.0551	0.0242	2.0343	0.4192	2.0945	0.5395	0.3857	0.5990	0.0000	2,346.1399	2,346.1399	0.7165	0.0370	2,364.9620
Maximum	**76.0099**	**82.2504**	**107.7743**	**0.3465**	**29.8060**	**3.3094**	**33.0930**	**14.0008**	**3.0460**	**17.0262**	**0.0000**	**35,256.2885**	**35,256.2885**	**3.9234**	**2.2115**	**35,959.2333**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	9.6831	82.2504	88.9702	0.2589	17.0855	3.3094	19.8172	6.4275	3.0460	9.4529	0.0000	26,119.7419	26,119.7419	3.9234	1.4405	26,621.1395
2023	74.6999	65.3663	107.7743	0.3465	24.4970	2.2959	26.1770	6.5916	2.1314	8.1734	0.0000	35,256.2885	35,256.2885	2.8519	2.2115	35,959.2332
2024	4.9263	25.9219	51.5905	0.1695	12.2485	0.7508	12.9992	3.2958	0.7068	4.0026	0.0000	17,247.9975	17,247.9975	0.8572	1.0756	17,589.9427
2025	76.0099	8.6087	15.0551	0.0242	2.0343	0.4192	2.0945	0.5395	0.3857	0.5990	0.0000	2,346.1399	2,346.1399	0.7165	0.0370	2,364.9620
Maximum	**76.0099**	**82.2504**	**107.7743**	**0.3465**	**24.4970**	**3.3094**	**26.1770**	**6.5916**	**3.0460**	**9.4529**	**0.0000**	**35,256.2885**	**35,256.2885**	**3.9234**	**2.2115**	**35,959.2332**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**18.55**	**0.00**	**17.85**	**32.52**	**0.00**	**28.07**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					

Area	13.9576	5.4931	32.2795	0.0344		0.5831	0.5831		0.5831	0.5831	0.0000	6,624.2325	6,624.2325	0.1779	0.1205	6,664.5736
Energy	0.3610	3.1287	1.6349	0.0197		0.2494	0.2494		0.2494	0.2494		3,937.9999	3,937.9999	0.0755	0.0722	3,961.4014
Mobile	6.3158	6.5401	63.2229	0.1431	15.7412	0.0959	15.8372	4.1972	0.0895	4.2867		14,533.1652	14,533.1652	0.7017	0.5498	14,714.5384
Total	**20.6343**	**15.1619**	**97.1373**	**0.1972**	**15.7412**	**0.9284**	**16.6696**	**4.1972**	**0.9220**	**5.1192**	**0.0000**	**25,095.3976**	**25,095.3976**	**0.9550**	**0.7424**	**25,340.5134**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	13.9576	5.4931	32.2795	0.0344		0.5831	0.5831		0.5831	0.5831	0.0000	6,624.2325	6,624.2325	0.1779	0.1205	6,664.5736
Energy	0.3610	3.1287	1.6349	0.0197		0.2494	0.2494		0.2494	0.2494		3,937.9999	3,937.9999	0.0755	0.0722	3,961.4014
Mobile	6.3158	6.5401	63.2229	0.1431	15.7412	0.0959	15.8372	4.1972	0.0895	4.2867		14,533.1652	14,533.1652	0.7017	0.5498	14,714.5384
Total	**20.6343**	**15.1619**	**97.1373**	**0.1972**	**15.7412**	**0.9284**	**16.6696**	**4.1972**	**0.9220**	**5.1192**	**0.0000**	**25,095.3976**	**25,095.3976**	**0.9550**	**0.7424**	**25,340.5134**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition - Phase 1	Demolition	4/1/2022	5/1/2022	7	31	
2	Site Preparation - Phase 1	Site Preparation	5/2/2022	7/30/2022	7	90	
3	Site Preparation - Phase 2	Site Preparation	7/31/2022	8/10/2022	7	11	
4	Grading - Phase 1	Grading	7/31/2022	1/3/2023	7	157	
5	Grading - Phase 2	Grading	8/11/2022	9/1/2022	7	22	
6	Building Construction - Phase 2	Building Construction	9/2/2022	4/20/2023	7	231	
7	Building Construction - Phase 1	Building Construction	1/4/2023	9/30/2024	7	636	
8	Paving - Phase 2	Paving	4/21/2023	5/11/2023	7	21	
9	Architectural Coating - Phase 2	Architectural Coating	5/12/2023	6/2/2023	7	22	
10	Paving - Phase 1	Paving	10/1/2024	1/19/2025	7	111	
11	Architectural Coating - Phase 1	Architectural Coating	1/20/2025	4/4/2025	7	75	

Acres of Grading (Site Preparation Phase): 135

Acres of Grading (Grading Phase): 471

Acres of Paving: 0

Residential Indoor: 488,304; Residential Outdoor: 162,768; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor

Demolition - Phase 1	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition - Phase 1	Excavators	3	8.00	158	0.38
Demolition - Phase 1	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation - Phase 1	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation - Phase 1	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Site Preparation - Phase 2	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation - Phase 2	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading - Phase 1	Excavators	2	8.00	158	0.38
Grading - Phase 1	Graders	1	8.00	187	0.41
Grading - Phase 1	Rubber Tired Dozers	1	8.00	247	0.40
Grading - Phase 1	Scrapers	2	8.00	367	0.48
Grading - Phase 1	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Grading - Phase 2	Excavators	2	8.00	158	0.38
Grading - Phase 2	Graders	1	8.00	187	0.41
Grading - Phase 2	Rubber Tired Dozers	1	8.00	247	0.40
Grading - Phase 2	Scrapers	2	8.00	367	0.48
Grading - Phase 2	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction - Phase 2	Cranes	1	7.00	231	0.29
Building Construction - Phase 2	Forklifts	3	8.00	89	0.20
Building Construction - Phase 2	Generator Sets	1	8.00	84	0.74
Building Construction - Phase 2	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction - Phase 2	Welders	1	8.00	46	0.45
Building Construction - Phase 1	Cranes	1	7.00	231	0.29
Building Construction - Phase 1	Forklifts	3	8.00	89	0.20
Building Construction - Phase 1	Generator Sets	1	8.00	84	0.74
Building Construction - Phase 1	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction - Phase 1	Welders	1	8.00	46	0.45
Paving - Phase 2	Pavers	2	8.00	130	0.42

Paving - Phase 2	Paving Equipment	2	8.00	132	0.36
Paving - Phase 2	Rollers	2	8.00	80	0.38
Architectural Coating - Phase 2	Air Compressors	1	6.00	78	0.48
Paving - Phase 1	Pavers	2	8.00	130	0.42
Paving - Phase 1	Paving Equipment	2	8.00	132	0.36
Paving - Phase 1	Rollers	2	8.00	80	0.38
Architectural Coating - Phase 1	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition - Phase 1	6	15.00	0.00	11.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation - Phase 1	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation - Phase 2	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading - Phase 1	8	20.00	0.00	13,787.00	14.70	6.90	5.60	LD_Mix	HDT_Mix	HHDT
Grading - Phase 2	8	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - Phase 2	9	909.00	326.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - Phase 1	9	909.00	326.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving - Phase 2	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - Phase 2	1	182.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving - Phase 1	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - Phase 1	1	182.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - Phase 1 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0799	0.0000	0.0799	0.0121	0.0000	0.0121			0.0000			0.0000
Off-Road	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553		3,746.7812	3,746.7812	1.0524		3,773.0920
Total	**2.6392**	**25.7194**	**20.5941**	**0.0388**	**0.0799**	**1.2427**	**1.3225**	**0.0121**	**1.1553**	**1.1674**		**3,746.7812**	**3,746.7812**	**1.0524**		**3,773.0920**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.1200e-003	0.0453	0.0101	2.0000e-004	6.2100e-003	5.3000e-004	6.7400e-003	1.7000e-003	5.0000e-004	2.2100e-003		21.7641	21.7641	2.9000e-004	3.4300e-003	22.7931
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0591	0.0383	0.5972	1.5200e-003	0.1677	8.3000e-004	0.1685	0.0445	7.7000e-004	0.0452		154.0341	154.0341	3.8400e-003	3.8100e-003	155.2664
Total	**0.0602**	**0.0836**	**0.6072**	**1.7200e-003**	**0.1739**	**1.3600e-003**	**0.1752**	**0.0462**	**1.2700e-003**	**0.0474**		**175.7982**	**175.7982**	**4.1300e-003**	**7.2400e-003**	**178.0595**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0359	0.0000	0.0359	5.4400e-003	0.0000	5.4400e-003			0.0000			0.0000
Off-Road	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553	0.0000	3,746.7812	3,746.7812	1.0524		3,773.0920
Total	**2.6392**	**25.7194**	**20.5941**	**0.0388**	**0.0359**	**1.2427**	**1.2786**	**5.4400e-003**	**1.1553**	**1.1607**	**0.0000**	**3,746.7812**	**3,746.7812**	**1.0524**		**3,773.0920**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.1200e-003	0.0453	0.0101	2.0000e-004	6.2100e-003	5.3000e-004	6.7400e-003	1.7000e-003	5.0000e-004	2.2100e-003		21.7641	21.7641	2.9000e-004	3.4300e-003	22.7931
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0591	0.0383	0.5972	1.5200e-003	0.1677	8.3000e-004	0.1685	0.0445	7.7000e-004	0.0452		154.0341	154.0341	3.8400e-003	3.8100e-003	155.2664
Total	**0.0602**	**0.0836**	**0.6072**	**1.7200e-003**	**0.1739**	**1.3600e-003**	**0.1752**	**0.0462**	**1.2700e-003**	**0.0474**		**175.7982**	**175.7982**	**4.1300e-003**	**7.2400e-003**	**178.0595**

3.3 Site Preparation - Phase 1 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836		3,686.0619	3,686.0619	1.1922		3,715.8655
Total	**3.1701**	**33.0835**	**19.6978**	**0.0380**	**19.6570**	**1.6126**	**21.2696**	**10.1025**	**1.4836**	**11.5860**		**3,686.0619**	**3,686.0619**	**1.1922**		**3,715.8655**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0709	0.0460	0.7166	1.8300e-003	0.2012	1.0000e-003	0.2022	0.0534	9.2000e-004	0.0543		184.8409	184.8409	4.6100e-003	4.5800e-003	186.3197
Total	**0.0709**	**0.0460**	**0.7166**	**1.8300e-003**	**0.2012**	**1.0000e-003**	**0.2022**	**0.0534**	**9.2000e-004**	**0.0543**		**184.8409**	**184.8409**	**4.6100e-003**	**4.5800e-003**	**186.3197**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.8457	0.0000	8.8457	4.5461	0.0000	4.5461			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836	0.0000	3,686.0619	3,686.0619	1.1922		3,715.8655
Total	**3.1701**	**33.0835**	**19.6978**	**0.0380**	**8.8457**	**1.6126**	**10.4582**	**4.5461**	**1.4836**	**6.0297**	**0.0000**	**3,686.0619**	**3,686.0619**	**1.1922**		**3,715.8655**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0709	0.0460	0.7166	1.8300e-003	0.2012	1.0000e-003	0.2022	0.0534	9.2000e-004	0.0543		184.8409	184.8409	4.6100e-003	4.5800e-003	186.3197
Total	**0.0709**	**0.0460**	**0.7166**	**1.8300e-003**	**0.2012**	**1.0000e-003**	**0.2022**	**0.0534**	**9.2000e-004**	**0.0543**		**184.8409**	**184.8409**	**4.6100e-003**	**4.5800e-003**	**186.3197**

3.4 Site Preparation - Phase 2 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836		3,686.0619	3,686.0619	1.1922		3,715.8655
Total	**3.1701**	**33.0835**	**19.6978**	**0.0380**	**19.6570**	**1.6126**	**21.2696**	**10.1025**	**1.4836**	**11.5860**		**3,686.0619**	**3,686.0619**	**1.1922**		**3,715.8655**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0709	0.0460	0.7166	1.8300e-003	0.2012	1.0000e-003	0.2022	0.0534	9.2000e-004	0.0543		184.8409	184.8409	4.6100e-003	4.5800e-003	186.3197
Total	**0.0709**	**0.0460**	**0.7166**	**1.8300e-003**	**0.2012**	**1.0000e-003**	**0.2022**	**0.0534**	**9.2000e-004**	**0.0543**		**184.8409**	**184.8409**	**4.6100e-003**	**4.5800e-003**	**186.3197**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.8457	0.0000	8.8457	4.5461	0.0000	4.5461			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836	0.0000	3,686.0619	3,686.0619	1.1922		3,715.8655
Total	**3.1701**	**33.0835**	**19.6978**	**0.0380**	**8.8457**	**1.6126**	**10.4582**	**4.5461**	**1.4836**	**6.0297**	**0.0000**	**3,686.0619**	**3,686.0619**	**1.1922**		**3,715.8655**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0709	0.0460	0.7166	1.8300e-003	0.2012	1.0000e-003	0.2022	0.0534	9.2000e-004	0.0543		184.8409	184.8409	4.6100e-003	4.5800e-003	186.3197
Total	**0.0709**	**0.0460**	**0.7166**	**1.8300e-003**	**0.2012**	**1.0000e-003**	**0.2022**	**0.0534**	**9.2000e-004**	**0.0543**		**184.8409**	**184.8409**	**4.6100e-003**	**4.5800e-003**	**186.3197**

3.5 Grading - Phase 1 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.2926	0.0000	9.2926	3.6672	0.0000	3.6672			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041		6,011.4105	6,011.4105	1.9442		6,060.0158
Total	**3.6248**	**38.8435**	**29.0415**	**0.0621**	**9.2926**	**1.6349**	**10.9274**	**3.6672**	**1.5041**	**5.1713**		**6,011.4105**	**6,011.4105**	**1.9442**		**6,060.0158**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1617	4.4613	1.7886	0.0162	0.4317	0.0374	0.4691	0.1185	0.0358	0.1543		1,724.1346	1,724.1346	0.0247	0.2716	1,805.6756
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0788	0.0511	0.7962	2.0300e-003	0.2236	1.1100e-003	0.2247	0.0593	1.0200e-003	0.0603		205.3788	205.3788	5.1200e-003	5.0800e-003	207.0218
Total	**0.2405**	**4.5124**	**2.5848**	**0.0182**	**0.6553**	**0.0385**	**0.6938**	**0.1778**	**0.0368**	**0.2146**		**1,929.5134**	**1,929.5134**	**0.0298**	**0.2766**	**2,012.6974**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.1817	0.0000	4.1817	1.6503	0.0000	1.6503			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158
Total	**3.6248**	**38.8435**	**29.0415**	**0.0621**	**4.1817**	**1.6349**	**5.8165**	**1.6503**	**1.5041**	**3.1544**	**0.0000**	**6,011.4105**	**6,011.4105**	**1.9442**		**6,060.0158**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1617	4.4613	1.7886	0.0162	0.4317	0.0374	0.4691	0.1185	0.0358	0.1543		1,724.1346	1,724.1346	0.0247	0.2716	1,805.6756
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0788	0.0511	0.7962	2.0300e-003	0.2236	1.1100e-003	0.2247	0.0593	1.0200e-003	0.0603		205.3788	205.3788	5.1200e-003	5.0800e-003	207.0218
Total	**0.2405**	**4.5124**	**2.5848**	**0.0182**	**0.6553**	**0.0385**	**0.6938**	**0.1778**	**0.0368**	**0.2146**		**1,929.5134**	**1,929.5134**	**0.0298**	**0.2766**	**2,012.6974**

3.5 Grading - Phase 1 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.2926	0.0000	9.2926	3.6672	0.0000	3.6672			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105		6,011.4777	6,011.4777	1.9442		6,060.0836
Total	**3.3217**	**34.5156**	**28.0512**	**0.0621**	**9.2926**	**1.4245**	**10.7170**	**3.6672**	**1.3105**	**4.9778**		**6,011.4777**	**6,011.4777**	**1.9442**		**6,060.0836**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1380	3.7193	1.8330	0.0155	0.4317	0.0304	0.4620	0.1185	0.0290	0.1475		1,649.5137	1,649.5137	0.0248	0.2599	1,727.5761
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0730	0.0451	0.7317	1.9700e-003	0.2236	1.0500e-003	0.2246	0.0593	9.6000e-004	0.0603		198.7481	198.7481	4.5900e-003	4.6900e-003	200.2612
Total	**0.2110**	**3.7644**	**2.5647**	**0.0174**	**0.6552**	**0.0314**	**0.6866**	**0.1778**	**0.0300**	**0.2078**		**1,848.2617**	**1,848.2617**	**0.0294**	**0.2646**	**1,927.8372**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.1817	0.0000	4.1817	1.6503	0.0000	1.6503			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105	0.0000	6,011.4777	6,011.4777	1.9442		6,060.0836
Total	**3.3217**	**34.5156**	**28.0512**	**0.0621**	**4.1817**	**1.4245**	**5.6061**	**1.6503**	**1.3105**	**2.9608**	**0.0000**	**6,011.4777**	**6,011.4777**	**1.9442**		**6,060.0836**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1380	3.7193	1.8330	0.0155	0.4317	0.0304	0.4620	0.1185	0.0290	0.1475		1,649.5137	1,649.5137	0.0248	0.2599	1,727.5761
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0730	0.0451	0.7317	1.9700e-003	0.2236	1.0500e-003	0.2246	0.0593	9.6000e-004	0.0603		198.7481	198.7481	4.5900e-003	4.6900e-003	200.2612
Total	**0.2110**	**3.7644**	**2.5647**	**0.0174**	**0.6552**	**0.0314**	**0.6866**	**0.1778**	**0.0300**	**0.2078**		**1,848.2617**	**1,848.2617**	**0.0294**	**0.2646**	**1,927.8372**

3.6 Grading - Phase 2 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.2036	0.0000	9.2036	3.6538	0.0000	3.6538			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041		6,011.4105	6,011.4105	1.9442		6,060.0158
Total	**3.6248**	**38.8435**	**29.0415**	**0.0621**	**9.2036**	**1.6349**	**10.8385**	**3.6538**	**1.5041**	**5.1579**		**6,011.4105**	**6,011.4105**	**1.9442**		**6,060.0158**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0788	0.0511	0.7962	2.0300e-003	0.2236	1.1100e-003	0.2247	0.0593	1.0200e-003	0.0603		205.3788	205.3788	5.1200e-003	5.0800e-003	207.0218
Total	**0.0788**	**0.0511**	**0.7962**	**2.0300e-003**	**0.2236**	**1.1100e-003**	**0.2247**	**0.0593**	**1.0200e-003**	**0.0603**		**205.3788**	**205.3788**	**5.1200e-003**	**5.0800e-003**	**207.0218**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.1416	0.0000	4.1416	1.6442	0.0000	1.6442			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158
Total	**3.6248**	**38.8435**	**29.0415**	**0.0621**	**4.1416**	**1.6349**	**5.7765**	**1.6442**	**1.5041**	**3.1483**	**0.0000**	**6,011.4105**	**6,011.4105**	**1.9442**		**6,060.0158**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0788	0.0511	0.7962	2.0300e-003	0.2236	1.1100e-003	0.2247	0.0593	1.0200e-003	0.0603		205.3788	205.3788	5.1200e-003	5.0800e-003	207.0218
Total	**0.0788**	**0.0511**	**0.7962**	**2.0300e-003**	**0.2236**	**1.1100e-003**	**0.2247**	**0.0593**	**1.0200e-003**	**0.0603**		**205.3788**	**205.3788**	**5.1200e-003**	**5.0800e-003**	**207.0218**

3.7 Building Construction - Phase 2 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
Total	**1.7062**	**15.6156**	**16.3634**	**0.0269**		**0.8090**	**0.8090**		**0.7612**	**0.7612**		**2,554.3336**	**2,554.3336**	**0.6120**		**2,569.6322**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5305	13.7853	4.7933	0.0594	2.0881	0.1988	2.2868	0.6012	0.1901	0.7914		6,290.0180	6,290.0180	0.0666	0.9328	6,569.6513
Worker	3.5811	2.3205	36.1873	0.0924	10.1605	0.0506	10.2110	2.6946	0.0465	2.7412		9,334.4664	9,334.4664	0.2327	0.2311	9,409.1428
Total	**4.1116**	**16.1058**	**40.9806**	**0.1517**	**12.2486**	**0.2493**	**12.4979**	**3.2958**	**0.2367**	**3.5325**		**15,624.4843**	**15,624.4843**	**0.2993**	**1.1639**	**15,978.7941**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
Total	**1.7062**	**15.6156**	**16.3634**	**0.0269**		**0.8090**	**0.8090**		**0.7612**	**0.7612**	**0.0000**	**2,554.3336**	**2,554.3336**	**0.6120**		**2,569.6322**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5305	13.7853	4.7933	0.0594	2.0881	0.1988	2.2868	0.6012	0.1901	0.7914		6,290.0180	6,290.0180	0.0666	0.9328	6,569.6513
Worker	3.5811	2.3205	36.1873	0.0924	10.1605	0.0506	10.2110	2.6946	0.0465	2.7412		9,334.4664	9,334.4664	0.2327	0.2311	9,409.1428
Total	**4.1116**	**16.1058**	**40.9806**	**0.1517**	**12.2486**	**0.2493**	**12.4979**	**3.2958**	**0.2367**	**3.5325**		**15,624.4843**	**15,624.4843**	**0.2993**	**1.1639**	**15,978.7941**

3.7 Building Construction - Phase 2 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**1.5728**	**14.3849**	**16.2440**	**0.0269**		**0.6997**	**0.6997**		**0.6584**	**0.6584**		**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3675	10.6506	4.3854	0.0570	2.0880	0.0928	2.1808	0.6012	0.0887	0.6899		6,039.8347	6,039.8347	0.0616	0.8925	6,307.3414
Worker	3.3190	2.0507	33.2577	0.0894	10.1605	0.0475	10.2080	2.6946	0.0437	2.7384		9,033.0997	9,033.0997	0.2088	0.2133	9,101.8692
Total	**3.6864**	**12.7014**	**37.6431**	**0.1463**	**12.2485**	**0.1403**	**12.3888**	**3.2958**	**0.1325**	**3.4283**		**15,072.9343**	**15,072.9343**	**0.2704**	**1.1058**	**15,409.2106**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**1.5728**	**14.3849**	**16.2440**	**0.0269**		**0.6997**	**0.6997**		**0.6584**	**0.6584**	**0.0000**	**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3675	10.6506	4.3854	0.0570	2.0880	0.0928	2.1808	0.6012	0.0887	0.6899		6,039.8347	6,039.8347	0.0616	0.8925	6,307.3414
Worker	3.3190	2.0507	33.2577	0.0894	10.1605	0.0475	10.2080	2.6946	0.0437	2.7384		9,033.0997	9,033.0997	0.2088	0.2133	9,101.8692
Total	**3.6864**	**12.7014**	**37.6431**	**0.1463**	**12.2485**	**0.1403**	**12.3888**	**3.2958**	**0.1325**	**3.4283**		**15,072.9343**	**15,072.9343**	**0.2704**	**1.1058**	**15,409.2106**

3.8 Building Construction - Phase 1 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**1.5728**	**14.3849**	**16.2440**	**0.0269**		**0.6997**	**0.6997**		**0.6584**	**0.6584**		**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3675	10.6506	4.3854	0.0570	2.0880	0.0928	2.1808	0.6012	0.0887	0.6899		6,039.8347	6,039.8347	0.0616	0.8925	6,307.3414
Worker	3.3190	2.0507	33.2577	0.0894	10.1605	0.0475	10.2080	2.6946	0.0437	2.7384		9,033.0997	9,033.0997	0.2088	0.2133	9,101.8692
Total	**3.6864**	**12.7014**	**37.6431**	**0.1463**	**12.2485**	**0.1403**	**12.3888**	**3.2958**	**0.1325**	**3.4283**		**15,072.9343**	**15,072.9343**	**0.2704**	**1.1058**	**15,409.2106**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**1.5728**	**14.3849**	**16.2440**	**0.0269**		**0.6997**	**0.6997**		**0.6584**	**0.6584**	**0.0000**	**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3675	10.6506	4.3854	0.0570	2.0880	0.0928	2.1808	0.6012	0.0887	0.6899		6,039.8347	6,039.8347	0.0616	0.8925	6,307.3414
Worker	3.3190	2.0507	33.2577	0.0894	10.1605	0.0475	10.2080	2.6946	0.0437	2.7384		9,033.0997	9,033.0997	0.2088	0.2133	9,101.8692
Total	**3.6864**	**12.7014**	**37.6431**	**0.1463**	**12.2485**	**0.1403**	**12.3888**	**3.2958**	**0.1325**	**3.4283**		**15,072.9343**	**15,072.9343**	**0.2704**	**1.1058**	**15,409.2106**

3.8 Building Construction - Phase 1 - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.6989	2,555.6989	0.6044		2,570.8077
Total	**1.4716**	**13.4438**	**16.1668**	**0.0270**		**0.6133**	**0.6133**		**0.5769**	**0.5769**		**2,555.6989**	**2,555.6989**	**0.6044**		**2,570.8077**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3617	10.6515	4.3352	0.0561	2.0880	0.0921	2.1801	0.6012	0.0881	0.6893		5,946.7479	5,946.7479	0.0638	0.8774	6,209.8151
Worker	3.0931	1.8267	31.0885	0.0865	10.1605	0.0453	10.2058	2.6946	0.0417	2.7363		8,745.5507	8,745.5507	0.1891	0.1981	8,809.3199
Total	**3.4547**	**12.4782**	**35.4237**	**0.1426**	**12.2485**	**0.1375**	**12.3859**	**3.2958**	**0.1299**	**3.4257**		**14,692.2986**	**14,692.2986**	**0.2529**	**1.0756**	**15,019.1350**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769	0.0000	2,555.6989	2,555.6989	0.6044		2,570.8077
Total	**1.4716**	**13.4438**	**16.1668**	**0.0270**		**0.6133**	**0.6133**		**0.5769**	**0.5769**	**0.0000**	**2,555.6989**	**2,555.6989**	**0.6044**		**2,570.8077**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3617	10.6515	4.3352	0.0561	2.0880	0.0921	2.1801	0.6012	0.0881	0.6893		5,946.7479	5,946.7479	0.0638	0.8774	6,209.8151
Worker	3.0931	1.8267	31.0885	0.0865	10.1605	0.0453	10.2058	2.6946	0.0417	2.7363		8,745.5507	8,745.5507	0.1891	0.1981	8,809.3199
Total	**3.4547**	**12.4782**	**35.4237**	**0.1426**	**12.2485**	**0.1375**	**12.3859**	**3.2958**	**0.1299**	**3.4257**		**14,692.2986**	**14,692.2986**	**0.2529**	**1.0756**	**15,019.1350**

3.9 Paving - Phase 2 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**		**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0548	0.0338	0.5488	1.4700e-003	0.1677	7.8000e-004	0.1685	0.0445	7.2000e-004	0.0452		149.0611	149.0611	3.4500e-003	3.5200e-003	150.1959
Total	**0.0548**	**0.0338**	**0.5488**	**1.4700e-003**	**0.1677**	**7.8000e-004**	**0.1685**	**0.0445**	**7.2000e-004**	**0.0452**		**149.0611**	**149.0611**	**3.4500e-003**	**3.5200e-003**	**150.1959**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**	**0.0000**	**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0548	0.0338	0.5488	1.4700e-003	0.1677	7.8000e-004	0.1685	0.0445	7.2000e-004	0.0452		149.0611	149.0611	3.4500e-003	3.5200e-003	150.1959
Total	**0.0548**	**0.0338**	**0.5488**	**1.4700e-003**	**0.1677**	**7.8000e-004**	**0.1685**	**0.0445**	**7.2000e-004**	**0.0452**		**149.0611**	**149.0611**	**3.4500e-003**	**3.5200e-003**	**150.1959**

3.10 Architectural Coating - Phase 2 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	68.5845					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
Total	**68.7762**	**1.3030**	**1.8111**	**2.9700e-003**		**0.0708**	**0.0708**		**0.0708**	**0.0708**		**281.4481**	**281.4481**	**0.0168**		**281.8690**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.6645	0.4106	6.6589	0.0179	2.0343	9.5100e-003	2.0438	0.5395	8.7600e-003	0.5483		1,808.6074	1,808.6074	0.0418	0.0427	1,822.3765
Total	**0.6645**	**0.4106**	**6.6589**	**0.0179**	**2.0343**	**9.5100e-003**	**2.0438**	**0.5395**	**8.7600e-003**	**0.5483**		**1,808.6074**	**1,808.6074**	**0.0418**	**0.0427**	**1,822.3765**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	68.5845					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690
Total	**68.7762**	**1.3030**	**1.8111**	**2.9700e-003**		**0.0708**	**0.0708**		**0.0708**	**0.0708**	**0.0000**	**281.4481**	**281.4481**	**0.0168**		**281.8690**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.6645	0.4106	6.6589	0.0179	2.0343	9.5100e-003	2.0438	0.5395	8.7600e-003	0.5483		1,808.6074	1,808.6074	0.0418	0.0427	1,822.3765
Total	**0.6645**	**0.4106**	**6.6589**	**0.0179**	**2.0343**	**9.5100e-003**	**2.0438**	**0.5395**	**8.7600e-003**	**0.5483**		**1,808.6074**	**1,808.6074**	**0.0418**	**0.0427**	**1,822.3765**

3.11 Paving - Phase 1 - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9882**	**9.5246**	**14.6258**	**0.0228**		**0.4685**	**0.4685**		**0.4310**	**0.4310**		**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0510	0.0301	0.5130	1.4300e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		144.3160	144.3160	3.1200e-003	3.2700e-003	145.3683
Total	**0.0510**	**0.0301**	**0.5130**	**1.4300e-003**	**0.1677**	**7.5000e-004**	**0.1684**	**0.0445**	**6.9000e-004**	**0.0452**		**144.3160**	**144.3160**	**3.1200e-003**	**3.2700e-003**	**145.3683**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310	0.0000	2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9882**	**9.5246**	**14.6258**	**0.0228**		**0.4685**	**0.4685**		**0.4310**	**0.4310**	**0.0000**	**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0510	0.0301	0.5130	1.4300e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		144.3160	144.3160	3.1200e-003	3.2700e-003	145.3683
Total	**0.0510**	**0.0301**	**0.5130**	**1.4300e-003**	**0.1677**	**7.5000e-004**	**0.1684**	**0.0445**	**6.9000e-004**	**0.0452**		**144.3160**	**144.3160**	**3.1200e-003**	**3.2700e-003**	**145.3683**

3.11 Paving - Phase 1 - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9152**	**8.5816**	**14.5780**	**0.0228**		**0.4185**	**0.4185**		**0.3850**	**0.3850**		**2,206.7452**	**2,206.7452**	**0.7137**		**2,224.5878**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0477	0.0270	0.4771	1.3800e-003	0.1677	7.1000e-004	0.1684	0.0445	6.5000e-004	0.0451		139.3947	139.3947	2.8100e-003	3.0500e-003	140.3742
Total	**0.0477**	**0.0270**	**0.4771**	**1.3800e-003**	**0.1677**	**7.1000e-004**	**0.1684**	**0.0445**	**6.5000e-004**	**0.0451**		**139.3947**	**139.3947**	**2.8100e-003**	**3.0500e-003**	**140.3742**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9152**	**8.5816**	**14.5780**	**0.0228**		**0.4185**	**0.4185**		**0.3850**	**0.3850**	**0.0000**	**2,206.7452**	**2,206.7452**	**0.7137**		**2,224.5878**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0477	0.0270	0.4771	1.3800e-003	0.1677	7.1000e-004	0.1684	0.0445	6.5000e-004	0.0451		139.3947	139.3947	2.8100e-003	3.0500e-003	140.3742
Total	**0.0477**	**0.0270**	**0.4771**	**1.3800e-003**	**0.1677**	**7.1000e-004**	**0.1684**	**0.0445**	**6.5000e-004**	**0.0451**		**139.3947**	**139.3947**	**2.8100e-003**	**3.0500e-003**	**140.3742**

3.12 Architectural Coating - Phase 1 - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	75.2605					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	**75.4313**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**		**281.4481**	**281.4481**	**0.0154**		**281.8319**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.5786	0.3278	5.7887	0.0167	2.0343	8.6100e-003	2.0429	0.5395	7.9300e-003	0.5474		1,691.3225	1,691.3225	0.0341	0.0370	1,703.2073
Total	**0.5786**	**0.3278**	**5.7887**	**0.0167**	**2.0343**	**8.6100e-003**	**2.0429**	**0.5395**	**7.9300e-003**	**0.5474**		**1,691.3225**	**1,691.3225**	**0.0341**	**0.0370**	**1,703.2073**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	75.2605					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	**75.4313**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**	**0.0000**	**281.4481**	**281.4481**	**0.0154**		**281.8319**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.5786	0.3278	5.7887	0.0167	2.0343	8.6100e-003	2.0429	0.5395	7.9300e-003	0.5474		1,691.3225	1,691.3225	0.0341	0.0370	1,703.2073
Total	**0.5786**	**0.3278**	**5.7887**	**0.0167**	**2.0343**	**8.6100e-003**	**2.0429**	**0.5395**	**7.9300e-003**	**0.5474**		**1,691.3225**	**1,691.3225**	**0.0341**	**0.0370**	**1,703.2073**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	6.3158	6.5401	63.2229	0.1431	15.7412	0.0959	15.8372	4.1972	0.0895	4.2867		14,533.1652	14,533.1652	0.7017	0.5498	14,714.5384
Unmitigated	6.3158	6.5401	63.2229	0.1431	15.7412	0.0959	15.8372	4.1972	0.0895	4.2867		14,533.1652	14,533.1652	0.7017	0.5498	14,714.5384

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Condo/Townhouse	429.20	476.76	367.72	1,644,372	1,644,372
Fast Food Restaurant with Drive Thru	377.50	493.90	378.80	1,190,642	1,190,642
Single Family Housing	1,063.23	1,075.68	963.63	4,044,538	4,044,538
Total	1,869.93	2,046.34	1,710.15	6,879,552	6,879,552

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6

Condo/Townhouse	14.70	5.90	8.70	40.20	19.20	40.60	100	0	0
Fast Food Restaurant with Drive	16.60	8.40	6.90	2.20	78.80	19.00	100	0	0
Single Family Housing	14.70	5.90	8.70	40.20	19.20	40.60	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.540541	0.056458	0.173793	0.136090	0.025268	0.007074	0.011525	0.018705	0.000610	0.000304	0.023606	0.001094	0.004932
Condo/Townhouse	0.550845	0.057534	0.177106	0.138684	0.025750	0.007209	0.011745	0.000000	0.000622	0.000310	0.024056	0.001115	0.005026
Fast Food Restaurant with Drive Thru	0.540541	0.056458	0.173793	0.136090	0.025268	0.007074	0.011525	0.018705	0.000610	0.000304	0.023606	0.001094	0.004932
Single Family Housing	0.550845	0.057534	0.177106	0.138684	0.025750	0.007209	0.011745	0.000000	0.000622	0.000310	0.024056	0.001115	0.005026

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Kilowatt Hours of Renewable Electricity Generated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.3610	3.1287	1.6349	0.0197		0.2494	0.2494		0.2494	0.2494		3,937.9999	3,937.9999	0.0755	0.0722	3,961.4014
NaturalGas Unmitigated	0.3610	3.1287	1.6349	0.0197		0.2494	0.2494		0.2494	0.2494		3,937.9999	3,937.9999	0.0755	0.0722	3,961.4014

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	6705.74	0.0723	0.6180	0.2630	3.9400e-003		0.0500	0.0500		0.0500	0.0500		788.9111	788.9111	0.0151	0.0145	793.5992
Fast Food Restaurant with Drive Thru	7470.14	0.0806	0.7324	0.6152	4.3900e-003		0.0557	0.0557		0.0557	0.0557		878.8397	878.8397	0.0168	0.0161	884.0622
Single Family Housing	19297.1	0.2081	1.7784	0.7568	0.0114		0.1438	0.1438		0.1438	0.1438		2,270.2492	2,270.2492	0.0435	0.0416	2,283.7401
Total		**0.3610**	**3.1287**	**1.6349**	**0.0197**		**0.2494**	**0.2494**		**0.2494**	**0.2494**		**3,937.9999**	**3,937.9999**	**0.0755**	**0.0722**	**3,961.4014**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	6.70574	0.0723	0.6180	0.2630	3.9400e-003		0.0500	0.0500		0.0500	0.0500		788.9111	788.9111	0.0151	0.0145	793.5992
Fast Food Restaurant with Drive Thru	7.47014	0.0806	0.7324	0.6152	4.3900e-003		0.0557	0.0557		0.0557	0.0557		878.8397	878.8397	0.0168	0.0161	884.0622
Single Family Housing	19.2971	0.2081	1.7784	0.7568	0.0114		0.1438	0.1438		0.1438	0.1438		2,270.2492	2,270.2492	0.0435	0.0416	2,283.7401
Total		**0.3610**	**3.1287**	**1.6349**	**0.0197**		**0.2494**	**0.2494**		**0.2494**	**0.2494**		**3,937.9999**	**3,937.9999**	**0.0755**	**0.0722**	**3,961.4014**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	13.9576	5.4931	32.2795	0.0344		0.5831	0.5831		0.5831	0.5831	0.0000	6,624.2325	6,624.2325	0.1779	0.1205	6,664.5736

Unmitigated	13.9576	5.4931	32.2795	0.0344		0.5831	0.5831		0.5831	0.5831	0.0000	6,624.2325	6,624.2325	0.1779	0.1205	6,664.5736

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.9926					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	11.4590					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.6023	5.1465	2.1900	0.0329		0.4161	0.4161		0.4161	0.4161	0.0000	6,570.0000	6,570.0000	0.1259	0.1205	6,609.0422
Landscaping	0.9037	0.3466	30.0895	1.5900e-003		0.1670	0.1670		0.1670	0.1670		54.2325	54.2325	0.0520		55.5313
Total	**13.9576**	**5.4931**	**32.2795**	**0.0344**		**0.5831**	**0.5831**		**0.5831**	**0.5831**	**0.0000**	**6,624.2325**	**6,624.2325**	**0.1779**	**0.1205**	**6,664.5736**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.9926					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	11.4590					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.6023	5.1465	2.1900	0.0329		0.4161	0.4161		0.4161	0.4161	0.0000	6,570.0000	6,570.0000	0.1259	0.1205	6,609.0422
Landscaping	0.9037	0.3466	30.0895	1.5900e-003		0.1670	0.1670		0.1670	0.1670		54.2325	54.2325	0.0520		55.5313
Total	**13.9576**	**5.4931**	**32.2795**	**0.0344**		**0.5831**	**0.5831**		**0.5831**	**0.5831**	**0.0000**	**6,624.2325**	**6,624.2325**	**0.1779**	**0.1205**	**6,664.5736**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Trails at Corona 2025

Riverside-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
City Park	40.00	Acre	40.00	1,742,400.00	0
Fast Food Restaurant with Drive Thru	10.00	1000sqft	0.23	10,000.00	0
Condo/Townhouse	116.00	Dwelling Unit	2.66	116,000.00	332
Single Family Housing	249.00	Dwelling Unit	61.11	448,200.00	712

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.4	**Precipitation Freq (Days)**	28
Climate Zone	10			**Operational Year**	2025
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Note 1

Construction Phase - Note 2

Trips and VMT - Note 3

Demolition - Note 4

Grading - Note 3

Architectural Coating - Note 5

Vehicle Trips - Note 6

Woodstoves - Note 7

Construction Off-road Equipment Mitigation - Note 8

Energy Mitigation - Note 9

Fleet Mix - Note 6

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	5,001.00	10,002.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	5,001.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	15,002.00	30,004.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	15,002.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	380,835.00	598,902.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	380,835.00	162,768.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,142,505.00	1,796,706.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,142,505.00	488,304.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblArchitecturalCoating	EF_Parking	100.00	50.00
tblArchitecturalCoating	EF_Parking	100.00	50.00
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	220.00	75.00
tblConstructionPhase	NumDays	220.00	22.00
tblConstructionPhase	NumDays	3,100.00	231.00
tblConstructionPhase	NumDays	3,100.00	636.00
tblConstructionPhase	NumDays	200.00	31.00
tblConstructionPhase	NumDays	310.00	157.00
tblConstructionPhase	NumDays	310.00	22.00
tblConstructionPhase	NumDays	220.00	111.00
tblConstructionPhase	NumDays	220.00	21.00

tblConstructionPhase	NumDays	120.00	90.00
tblConstructionPhase	NumDays	120.00	11.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberWood	5.80	0.00
tblFireplaces	NumberWood	12.45	0.00
tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.00
tblFleetMix	LDA	0.54	0.55
tblFleetMix	LDA	0.54	0.55
tblFleetMix	LDT1	0.06	0.06
tblFleetMix	LDT1	0.06	0.06
tblFleetMix	LDT2	0.17	0.18
tblFleetMix	LDT2	0.17	0.18
tblFleetMix	LHD1	0.03	0.03
tblFleetMix	LHD1	0.03	0.03
tblFleetMix	LHD2	7.0740e-003	7.2090e-003

tblFleetMix	LHD2	7.0740e-003	7.2090e-003
tblFleetMix	MCY	0.02	0.02
tblFleetMix	MCY	0.02	0.02
tblFleetMix	MDV	0.14	0.14
tblFleetMix	MDV	0.14	0.14
tblFleetMix	MH	4.9320e-003	5.0260e-003
tblFleetMix	MH	4.9320e-003	5.0260e-003
tblFleetMix	MHD	0.01	0.01
tblFleetMix	MHD	0.01	0.01
tblFleetMix	OBUS	6.1000e-004	6.2200e-004
tblFleetMix	OBUS	6.1000e-004	6.2200e-004
tblFleetMix	SBUS	1.0940e-003	1.1150e-003
tblFleetMix	SBUS	1.0940e-003	1.1150e-003
tblFleetMix	UBUS	3.0400e-004	3.1000e-004
tblFleetMix	UBUS	3.0400e-004	3.1000e-004
tblGrading	MaterialExported	0.00	110,298.00
tblLandUse	LotAcreage	7.25	2.66
tblLandUse	LotAcreage	80.84	61.11
tblTripsAndVMT	HaulingTripLength	20.00	5.60
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	21.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	50.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	29.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00

tblVehicleTrips	ST_TR	1.96	0.00
tblVehicleTrips	ST_TR	8.14	4.11
tblVehicleTrips	ST_TR	616.12	49.39
tblVehicleTrips	ST_TR	9.54	4.32
tblVehicleTrips	SU_TR	2.19	0.00
tblVehicleTrips	SU_TR	6.28	3.17
tblVehicleTrips	SU_TR	472.58	37.88
tblVehicleTrips	SU_TR	8.55	3.87
tblVehicleTrips	WD_TR	0.78	0.00
tblVehicleTrips	WD_TR	7.32	3.70
tblVehicleTrips	WD_TR	470.95	37.75
tblVehicleTrips	WD_TR	9.44	4.27
tblWoodstoves	NumberCatalytic	5.80	0.00
tblWoodstoves	NumberCatalytic	12.45	0.00
tblWoodstoves	NumberNoncatalytic	5.80	0.00
tblWoodstoves	NumberNoncatalytic	12.45	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Year	lb/day										lb/day					
2022	9.4062	82.5173	82.2123	0.2501	29.8060	3.3096	33.0932	14.0008	3.0462	17.0264	0.0000	25,232.0322	25,232.0322	3.9226	1.4485	25,735.7314
2023	74.4229	66.3467	95.5658	0.3300	24.4970	2.2964	26.1777	7.1408	2.1319	9.2727	0.0000	33,589.7662	33,589.7662	2.8492	2.2275	34,297.3672
2024	4.7141	26.6350	45.9056	0.1616	12.2485	0.7511	12.9996	3.2958	0.7071	4.0029	0.0000	16,443.1211	16,443.1211	0.8558	1.0831	16,787.2624
2025	75.9768	8.6096	14.9661	0.0241	2.0343	0.4192	2.0945	0.5395	0.3857	0.5990	0.0000	2,333.1077	2,333.1077	0.7165	0.0379	2,351.9508
Maximum	**75.9768**	**82.5173**	**95.5658**	**0.3300**	**29.8060**	**3.3096**	**33.0932**	**14.0008**	**3.0462**	**17.0264**	**0.0000**	**33,589.7662**	**33,589.7662**	**3.9226**	**2.2275**	**34,297.3672**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	9.4062	82.5173	82.2123	0.2501	17.0855	3.3096	19.8179	6.4275	3.0462	9.4530	0.0000	25,232.0322	25,232.0322	3.9226	1.4485	25,735.7314
2023	74.4229	66.3467	95.5658	0.3300	24.4970	2.2964	26.1777	6.5916	2.1319	8.1741	0.0000	33,589.7662	33,589.7662	2.8492	2.2275	34,297.3672
2024	4.7141	26.6350	45.9056	0.1616	12.2485	0.7511	12.9996	3.2958	0.7071	4.0029	0.0000	16,443.1211	16,443.1211	0.8558	1.0831	16,787.2624
2025	75.9768	8.6096	14.9661	0.0241	2.0343	0.4192	2.0945	0.5395	0.3857	0.5990	0.0000	2,333.1077	2,333.1077	0.7165	0.0379	2,351.9508
Maximum	**75.9768**	**82.5173**	**95.5658**	**0.3300**	**24.4970**	**3.3096**	**26.1777**	**6.5916**	**3.0462**	**9.4530**	**0.0000**	**33,589.7662**	**33,589.7662**	**3.9226**	**2.2275**	**34,297.3672**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**18.55**	**0.00**	**17.85**	**32.52**	**0.00**	**28.06**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					

Area	13.9576	5.4931	32.2795	0.0344		0.5831	0.5831		0.5831	0.5831	0.0000	6,624.2325	6,624.2325	0.1779	0.1205	6,664.5736
Energy	0.3610	3.1287	1.6349	0.0197		0.2494	0.2494		0.2494	0.2494		3,937.9999	3,937.9999	0.0755	0.0722	3,961.4014
Mobile	5.3988	6.9381	55.7027	0.1322	15.7412	0.0959	15.8372	4.1972	0.0896	4.2867		13,431.8495	13,431.8495	0.7159	0.5638	13,617.7489
Total	**19.7173**	**15.5599**	**89.6172**	**0.1863**	**15.7412**	**0.9284**	**16.6696**	**4.1972**	**0.9220**	**5.1192**	**0.0000**	**23,994.0819**	**23,994.0819**	**0.9693**	**0.7564**	**24,243.7238**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	13.9576	5.4931	32.2795	0.0344		0.5831	0.5831		0.5831	0.5831	0.0000	6,624.2325	6,624.2325	0.1779	0.1205	6,664.5736
Energy	0.3610	3.1287	1.6349	0.0197		0.2494	0.2494		0.2494	0.2494		3,937.9999	3,937.9999	0.0755	0.0722	3,961.4014
Mobile	5.3988	6.9381	55.7027	0.1322	15.7412	0.0959	15.8372	4.1972	0.0896	4.2867		13,431.8495	13,431.8495	0.7159	0.5638	13,617.7489
Total	**19.7173**	**15.5599**	**89.6172**	**0.1863**	**15.7412**	**0.9284**	**16.6696**	**4.1972**	**0.9220**	**5.1192**	**0.0000**	**23,994.0819**	**23,994.0819**	**0.9693**	**0.7564**	**24,243.7238**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition - Phase 1	Demolition	4/1/2022	5/1/2022	7	31	
2	Site Preparation - Phase 1	Site Preparation	5/2/2022	7/30/2022	7	90	
3	Site Preparation - Phase 2	Site Preparation	7/31/2022	8/10/2022	7	11	
4	Grading - Phase 1	Grading	7/31/2022	1/3/2023	7	157	
5	Grading - Phase 2	Grading	8/11/2022	9/1/2022	7	22	
6	Building Construction - Phase 2	Building Construction	9/2/2022	4/20/2023	7	231	
7	Building Construction - Phase 1	Building Construction	1/4/2023	9/30/2024	7	636	
8	Paving - Phase 2	Paving	4/21/2023	5/11/2023	7	21	
9	Architectural Coating - Phase 2	Architectural Coating	5/12/2023	6/2/2023	7	22	
10	Paving - Phase 1	Paving	10/1/2024	1/19/2025	7	111	
11	Architectural Coating - Phase 1	Architectural Coating	1/20/2025	4/4/2025	7	75	

Acres of Grading (Site Preparation Phase): 135

Acres of Grading (Grading Phase): 471

Acres of Paving: 0

Residential Indoor: 488,304; Residential Outdoor: 162,768; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor

Demolition - Phase 1	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition - Phase 1	Excavators	3	8.00	158	0.38
Demolition - Phase 1	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation - Phase 1	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation - Phase 1	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Site Preparation - Phase 2	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation - Phase 2	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading - Phase 1	Excavators	2	8.00	158	0.38
Grading - Phase 1	Graders	1	8.00	187	0.41
Grading - Phase 1	Rubber Tired Dozers	1	8.00	247	0.40
Grading - Phase 1	Scrapers	2	8.00	367	0.48
Grading - Phase 1	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Grading - Phase 2	Excavators	2	8.00	158	0.38
Grading - Phase 2	Graders	1	8.00	187	0.41
Grading - Phase 2	Rubber Tired Dozers	1	8.00	247	0.40
Grading - Phase 2	Scrapers	2	8.00	367	0.48
Grading - Phase 2	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction - Phase 2	Cranes	1	7.00	231	0.29
Building Construction - Phase 2	Forklifts	3	8.00	89	0.20
Building Construction - Phase 2	Generator Sets	1	8.00	84	0.74
Building Construction - Phase 2	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction - Phase 2	Welders	1	8.00	46	0.45
Building Construction - Phase 1	Cranes	1	7.00	231	0.29
Building Construction - Phase 1	Forklifts	3	8.00	89	0.20
Building Construction - Phase 1	Generator Sets	1	8.00	84	0.74
Building Construction - Phase 1	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction - Phase 1	Welders	1	8.00	46	0.45
Paving - Phase 2	Pavers	2	8.00	130	0.42

Paving - Phase 2	Paving Equipment	2	8.00	132	0.36
Paving - Phase 2	Rollers	2	8.00	80	0.38
Architectural Coating - Phase 2	Air Compressors	1	6.00	78	0.48
Paving - Phase 1	Pavers	2	8.00	130	0.42
Paving - Phase 1	Paving Equipment	2	8.00	132	0.36
Paving - Phase 1	Rollers	2	8.00	80	0.38
Architectural Coating - Phase 1	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition - Phase 1	6	15.00	0.00	11.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation - Phase 1	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation - Phase 2	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading - Phase 1	8	20.00	0.00	13,787.00	14.70	6.90	5.60	LD_Mix	HDT_Mix	HHDT
Grading - Phase 2	8	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - Phase 2	9	909.00	326.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - Phase 1	9	909.00	326.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving - Phase 2	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - Phase 2	1	182.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving - Phase 1	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - Phase 1	1	182.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - Phase 1 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0799	0.0000	0.0799	0.0121	0.0000	0.0121			0.0000			0.0000
Off-Road	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553		3,746.7812	3,746.7812	1.0524		3,773.0920
Total	**2.6392**	**25.7194**	**20.5941**	**0.0388**	**0.0799**	**1.2427**	**1.3225**	**0.0121**	**1.1553**	**1.1674**		**3,746.7812**	**3,746.7812**	**1.0524**		**3,773.0920**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.0700e-003	0.0478	0.0104	2.0000e-004	6.2100e-003	5.3000e-004	6.7400e-003	1.7000e-003	5.0000e-004	2.2100e-003		21.7807	21.7807	2.9000e-004	3.4300e-003	22.8105
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0552	0.0398	0.4840	1.3800e-003	0.1677	8.3000e-004	0.1685	0.0445	7.7000e-004	0.0452		139.5236	139.5236	3.8100e-003	3.9000e-003	140.7822
Total	**0.0563**	**0.0876**	**0.4943**	**1.5800e-003**	**0.1739**	**1.3600e-003**	**0.1752**	**0.0462**	**1.2700e-003**	**0.0474**		**161.3043**	**161.3043**	**4.1000e-003**	**7.3300e-003**	**163.5927**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0359	0.0000	0.0359	5.4400e-003	0.0000	5.4400e-003			0.0000			0.0000
Off-Road	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553	0.0000	3,746.7812	3,746.7812	1.0524		3,773.0920
Total	**2.6392**	**25.7194**	**20.5941**	**0.0388**	**0.0359**	**1.2427**	**1.2786**	**5.4400e-003**	**1.1553**	**1.1607**	**0.0000**	**3,746.7812**	**3,746.7812**	**1.0524**		**3,773.0920**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.0700e-003	0.0478	0.0104	2.0000e-004	6.2100e-003	5.3000e-004	6.7400e-003	1.7000e-003	5.0000e-004	2.2100e-003		21.7807	21.7807	2.9000e-004	3.4300e-003	22.8105
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0552	0.0398	0.4840	1.3800e-003	0.1677	8.3000e-004	0.1685	0.0445	7.7000e-004	0.0452		139.5236	139.5236	3.8100e-003	3.9000e-003	140.7822
Total	**0.0563**	**0.0876**	**0.4943**	**1.5800e-003**	**0.1739**	**1.3600e-003**	**0.1752**	**0.0462**	**1.2700e-003**	**0.0474**		**161.3043**	**161.3043**	**4.1000e-003**	**7.3300e-003**	**163.5927**

3.3 Site Preparation - Phase 1 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836		3,686.0619	3,686.0619	1.1922		3,715.8655
Total	**3.1701**	**33.0835**	**19.6978**	**0.0380**	**19.6570**	**1.6126**	**21.2696**	**10.1025**	**1.4836**	**11.5860**		**3,686.0619**	**3,686.0619**	**1.1922**		**3,715.8655**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0662	0.0477	0.5807	1.6600e-003	0.2012	1.0000e-003	0.2022	0.0534	9.2000e-004	0.0543		167.4284	167.4284	4.5800e-003	4.6800e-003	168.9386
Total	**0.0662**	**0.0477**	**0.5807**	**1.6600e-003**	**0.2012**	**1.0000e-003**	**0.2022**	**0.0534**	**9.2000e-004**	**0.0543**		**167.4284**	**167.4284**	**4.5800e-003**	**4.6800e-003**	**168.9386**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.8457	0.0000	8.8457	4.5461	0.0000	4.5461			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836	0.0000	3,686.0619	3,686.0619	1.1922		3,715.8655
Total	**3.1701**	**33.0835**	**19.6978**	**0.0380**	**8.8457**	**1.6126**	**10.4582**	**4.5461**	**1.4836**	**6.0297**	**0.0000**	**3,686.0619**	**3,686.0619**	**1.1922**		**3,715.8655**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0662	0.0477	0.5807	1.6600e-003	0.2012	1.0000e-003	0.2022	0.0534	9.2000e-004	0.0543		167.4284	167.4284	4.5800e-003	4.6800e-003	168.9386
Total	**0.0662**	**0.0477**	**0.5807**	**1.6600e-003**	**0.2012**	**1.0000e-003**	**0.2022**	**0.0534**	**9.2000e-004**	**0.0543**		**167.4284**	**167.4284**	**4.5800e-003**	**4.6800e-003**	**168.9386**

3.4 Site Preparation - Phase 2 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836		3,686.0619	3,686.0619	1.1922		3,715.8655
Total	**3.1701**	**33.0835**	**19.6978**	**0.0380**	**19.6570**	**1.6126**	**21.2696**	**10.1025**	**1.4836**	**11.5860**		**3,686.0619**	**3,686.0619**	**1.1922**		**3,715.8655**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0662	0.0477	0.5807	1.6600e-003	0.2012	1.0000e-003	0.2022	0.0534	9.2000e-004	0.0543		167.4284	167.4284	4.5800e-003	4.6800e-003	168.9386
Total	**0.0662**	**0.0477**	**0.5807**	**1.6600e-003**	**0.2012**	**1.0000e-003**	**0.2022**	**0.0534**	**9.2000e-004**	**0.0543**		**167.4284**	**167.4284**	**4.5800e-003**	**4.6800e-003**	**168.9386**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.8457	0.0000	8.8457	4.5461	0.0000	4.5461			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836	0.0000	3,686.0619	3,686.0619	1.1922		3,715.8655
Total	**3.1701**	**33.0835**	**19.6978**	**0.0380**	**8.8457**	**1.6126**	**10.4582**	**4.5461**	**1.4836**	**6.0297**	**0.0000**	**3,686.0619**	**3,686.0619**	**1.1922**		**3,715.8655**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0662	0.0477	0.5807	1.6600e-003	0.2012	1.0000e-003	0.2022	0.0534	9.2000e-004	0.0543		167.4284	167.4284	4.5800e-003	4.6800e-003	168.9386
Total	**0.0662**	**0.0477**	**0.5807**	**1.6600e-003**	**0.2012**	**1.0000e-003**	**0.2022**	**0.0534**	**9.2000e-004**	**0.0543**		**167.4284**	**167.4284**	**4.5800e-003**	**4.6800e-003**	**168.9386**

3.5 Grading - Phase 1 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.2926	0.0000	9.2926	3.6672	0.0000	3.6672			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041		6,011.4105	6,011.4105	1.9442		6,060.0158
Total	**3.6248**	**38.8435**	**29.0415**	**0.0621**	**9.2926**	**1.6349**	**10.9274**	**3.6672**	**1.5041**	**5.1713**		**6,011.4105**	**6,011.4105**	**1.9442**		**6,060.0158**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1485	4.7243	1.8574	0.0162	0.4317	0.0376	0.4693	0.1185	0.0359	0.1544		1,728.2470	1,728.2470	0.0241	0.2722	1,809.9654
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0736	0.0530	0.6453	1.8400e-003	0.2236	1.1100e-003	0.2247	0.0593	1.0200e-003	0.0603		186.0315	186.0315	5.0800e-003	5.2000e-003	187.7096
Total	**0.2221**	**4.7773**	**2.5026**	**0.0181**	**0.6553**	**0.0387**	**0.6939**	**0.1778**	**0.0370**	**0.2147**		**1,914.2785**	**1,914.2785**	**0.0291**	**0.2774**	**1,997.6750**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.1817	0.0000	4.1817	1.6503	0.0000	1.6503			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158
Total	**3.6248**	**38.8435**	**29.0415**	**0.0621**	**4.1817**	**1.6349**	**5.8165**	**1.6503**	**1.5041**	**3.1544**	**0.0000**	**6,011.4105**	**6,011.4105**	**1.9442**		**6,060.0158**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1485	4.7243	1.8574	0.0162	0.4317	0.0376	0.4693	0.1185	0.0359	0.1544		1,728.2470	1,728.2470	0.0241	0.2722	1,809.9654
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0736	0.0530	0.6453	1.8400e-003	0.2236	1.1100e-003	0.2247	0.0593	1.0200e-003	0.0603		186.0315	186.0315	5.0800e-003	5.2000e-003	187.7096
Total	**0.2221**	**4.7773**	**2.5026**	**0.0181**	**0.6553**	**0.0387**	**0.6939**	**0.1778**	**0.0370**	**0.2147**		**1,914.2785**	**1,914.2785**	**0.0291**	**0.2774**	**1,997.6750**

3.5 Grading - Phase 1 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.2926	0.0000	9.2926	3.6672	0.0000	3.6672			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105		6,011.4777	6,011.4777	1.9442		6,060.0836
Total	**3.3217**	**34.5156**	**28.0512**	**0.0621**	**9.2926**	**1.4245**	**10.7170**	**3.6672**	**1.3105**	**4.9778**		**6,011.4777**	**6,011.4777**	**1.9442**		**6,060.0836**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1225	3.9764	1.8841	0.0155	0.4317	0.0305	0.4622	0.1185	0.0292	0.1477		1,657.5729	1,657.5729	0.0241	0.2611	1,735.9949
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0684	0.0468	0.5942	1.7800e-003	0.2236	1.0500e-003	0.2246	0.0593	9.6000e-004	0.0603		180.0847	180.0847	4.5800e-003	4.8000e-003	181.6302
Total	**0.1909**	**4.0232**	**2.4783**	**0.0173**	**0.6552**	**0.0316**	**0.6868**	**0.1778**	**0.0301**	**0.2079**		**1,837.6576**	**1,837.6576**	**0.0286**	**0.2659**	**1,917.6251**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.1817	0.0000	4.1817	1.6503	0.0000	1.6503			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105	0.0000	6,011.4777	6,011.4777	1.9442		6,060.0836
Total	**3.3217**	**34.5156**	**28.0512**	**0.0621**	**4.1817**	**1.4245**	**5.6061**	**1.6503**	**1.3105**	**2.9608**	**0.0000**	**6,011.4777**	**6,011.4777**	**1.9442**		**6,060.0836**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1225	3.9764	1.8841	0.0155	0.4317	0.0305	0.4622	0.1185	0.0292	0.1477		1,657.5729	1,657.5729	0.0241	0.2611	1,735.9949
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0684	0.0468	0.5942	1.7800e-003	0.2236	1.0500e-003	0.2246	0.0593	9.6000e-004	0.0603		180.0847	180.0847	4.5800e-003	4.8000e-003	181.6302
Total	**0.1909**	**4.0232**	**2.4783**	**0.0173**	**0.6552**	**0.0316**	**0.6868**	**0.1778**	**0.0301**	**0.2079**		**1,837.6576**	**1,837.6576**	**0.0286**	**0.2659**	**1,917.6251**

3.6 Grading - Phase 2 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.2036	0.0000	9.2036	3.6538	0.0000	3.6538			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041		6,011.4105	6,011.4105	1.9442		6,060.0158
Total	**3.6248**	**38.8435**	**29.0415**	**0.0621**	**9.2036**	**1.6349**	**10.8385**	**3.6538**	**1.5041**	**5.1579**		**6,011.4105**	**6,011.4105**	**1.9442**		**6,060.0158**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0736	0.0530	0.6453	1.8400e-003	0.2236	1.1100e-003	0.2247	0.0593	1.0200e-003	0.0603		186.0315	186.0315	5.0800e-003	5.2000e-003	187.7096
Total	**0.0736**	**0.0530**	**0.6453**	**1.8400e-003**	**0.2236**	**1.1100e-003**	**0.2247**	**0.0593**	**1.0200e-003**	**0.0603**		**186.0315**	**186.0315**	**5.0800e-003**	**5.2000e-003**	**187.7096**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.1416	0.0000	4.1416	1.6442	0.0000	1.6442			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158
Total	**3.6248**	**38.8435**	**29.0415**	**0.0621**	**4.1416**	**1.6349**	**5.7765**	**1.6442**	**1.5041**	**3.1483**	**0.0000**	**6,011.4105**	**6,011.4105**	**1.9442**		**6,060.0158**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0736	0.0530	0.6453	1.8400e-003	0.2236	1.1100e-003	0.2247	0.0593	1.0200e-003	0.0603		186.0315	186.0315	5.0800e-003	5.2000e-003	187.7096
Total	**0.0736**	**0.0530**	**0.6453**	**1.8400e-003**	**0.2236**	**1.1100e-003**	**0.2247**	**0.0593**	**1.0200e-003**	**0.0603**		**186.0315**	**186.0315**	**5.0800e-003**	**5.2000e-003**	**187.7096**

3.7 Building Construction - Phase 2 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
Total	**1.7062**	**15.6156**	**16.3634**	**0.0269**		**0.8090**	**0.8090**		**0.7612**	**0.7612**		**2,554.3336**	**2,554.3336**	**0.6120**		**2,569.6322**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5078	14.5230	4.9774	0.0594	2.0881	0.1993	2.2873	0.6012	0.1906	0.7919		6,296.8780	6,296.8780	0.0656	0.9345	6,577.0073
Worker	3.3453	2.4088	29.3274	0.0837	10.1605	0.0506	10.2110	2.6946	0.0465	2.7412		8,455.1315	8,455.1315	0.2311	0.2366	8,531.4011
Total	**3.8531**	**16.9318**	**34.3048**	**0.1431**	**12.2486**	**0.2498**	**12.4984**	**3.2958**	**0.2372**	**3.5330**		**14,752.0095**	**14,752.0095**	**0.2967**	**1.1711**	**15,108.4084**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
Total	**1.7062**	**15.6156**	**16.3634**	**0.0269**		**0.8090**	**0.8090**		**0.7612**	**0.7612**	**0.0000**	**2,554.3336**	**2,554.3336**	**0.6120**		**2,569.6322**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5078	14.5230	4.9774	0.0594	2.0881	0.1993	2.2873	0.6012	0.1906	0.7919		6,296.8780	6,296.8780	0.0656	0.9345	6,577.0073
Worker	3.3453	2.4088	29.3274	0.0837	10.1605	0.0506	10.2110	2.6946	0.0465	2.7412		8,455.1315	8,455.1315	0.2311	0.2366	8,531.4011
Total	**3.8531**	**16.9318**	**34.3048**	**0.1431**	**12.2486**	**0.2498**	**12.4984**	**3.2958**	**0.2372**	**3.5330**		**14,752.0095**	**14,752.0095**	**0.2967**	**1.1711**	**15,108.4084**

3.7 Building Construction - Phase 2 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**1.5728**	**14.3849**	**16.2440**	**0.0269**		**0.6997**	**0.6997**		**0.6584**	**0.6584**		**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3403	11.2952	4.5331	0.0571	2.0880	0.0931	2.1811	0.6012	0.0891	0.6903		6,054.8241	6,054.8241	0.0604	0.8955	6,323.1861
Worker	3.1108	2.1278	27.0059	0.0810	10.1605	0.0475	10.2080	2.6946	0.0437	2.7384		8,184.8491	8,184.8491	0.2081	0.2183	8,255.0915
Total	**3.4511**	**13.4230**	**31.5389**	**0.1381**	**12.2485**	**0.1406**	**12.3891**	**3.2958**	**0.1328**	**3.4286**		**14,239.6732**	**14,239.6732**	**0.2685**	**1.1137**	**14,578.2776**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**1.5728**	**14.3849**	**16.2440**	**0.0269**		**0.6997**	**0.6997**		**0.6584**	**0.6584**	**0.0000**	**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3403	11.2952	4.5331	0.0571	2.0880	0.0931	2.1811	0.6012	0.0891	0.6903		6,054.8241	6,054.8241	0.0604	0.8955	6,323.1861
Worker	3.1108	2.1278	27.0059	0.0810	10.1605	0.0475	10.2080	2.6946	0.0437	2.7384		8,184.8491	8,184.8491	0.2081	0.2183	8,255.0915
Total	**3.4511**	**13.4230**	**31.5389**	**0.1381**	**12.2485**	**0.1406**	**12.3891**	**3.2958**	**0.1328**	**3.4286**		**14,239.6732**	**14,239.6732**	**0.2685**	**1.1137**	**14,578.2776**

3.8 Building Construction - Phase 1 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**1.5728**	**14.3849**	**16.2440**	**0.0269**		**0.6997**	**0.6997**		**0.6584**	**0.6584**		**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3403	11.2952	4.5331	0.0571	2.0880	0.0931	2.1811	0.6012	0.0891	0.6903		6,054.8241	6,054.8241	0.0604	0.8955	6,323.1861
Worker	3.1108	2.1278	27.0059	0.0810	10.1605	0.0475	10.2080	2.6946	0.0437	2.7384		8,184.8491	8,184.8491	0.2081	0.2183	8,255.0915
Total	**3.4511**	**13.4230**	**31.5389**	**0.1381**	**12.2485**	**0.1406**	**12.3891**	**3.2958**	**0.1328**	**3.4286**		**14,239.6732**	**14,239.6732**	**0.2685**	**1.1137**	**14,578.2776**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**1.5728**	**14.3849**	**16.2440**	**0.0269**		**0.6997**	**0.6997**		**0.6584**	**0.6584**	**0.0000**	**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3403	11.2952	4.5331	0.0571	2.0880	0.0931	2.1811	0.6012	0.0891	0.6903		6,054.8241	6,054.8241	0.0604	0.8955	6,323.1861
Worker	3.1108	2.1278	27.0059	0.0810	10.1605	0.0475	10.2080	2.6946	0.0437	2.7384		8,184.8491	8,184.8491	0.2081	0.2183	8,255.0915
Total	**3.4511**	**13.4230**	**31.5389**	**0.1381**	**12.2485**	**0.1406**	**12.3891**	**3.2958**	**0.1328**	**3.4286**		**14,239.6732**	**14,239.6732**	**0.2685**	**1.1137**	**14,578.2776**

3.8 Building Construction - Phase 1 - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.6989	2,555.6989	0.6044		2,570.8077
Total	**1.4716**	**13.4438**	**16.1668**	**0.0270**		**0.6133**	**0.6133**		**0.5769**	**0.5769**		**2,555.6989**	**2,555.6989**	**0.6044**		**2,570.8077**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3346	11.2968	4.4824	0.0562	2.0880	0.0925	2.1804	0.6012	0.0884	0.6896		5,961.6095	5,961.6095	0.0625	0.8803	6,225.5115
Worker	2.9079	1.8945	25.2564	0.0784	10.1605	0.0453	10.2058	2.6946	0.0417	2.7363		7,925.8127	7,925.8127	0.1889	0.2027	7,990.9433
Total	**3.2425**	**13.1913**	**29.7388**	**0.1346**	**12.2485**	**0.1378**	**12.3862**	**3.2958**	**0.1302**	**3.4260**		**13,887.4222**	**13,887.4222**	**0.2514**	**1.0831**	**14,216.4548**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769	0.0000	2,555.6989	2,555.6989	0.6044		2,570.8077
Total	**1.4716**	**13.4438**	**16.1668**	**0.0270**		**0.6133**	**0.6133**		**0.5769**	**0.5769**	**0.0000**	**2,555.6989**	**2,555.6989**	**0.6044**		**2,570.8077**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3346	11.2968	4.4824	0.0562	2.0880	0.0925	2.1804	0.6012	0.0884	0.6896		5,961.6095	5,961.6095	0.0625	0.8803	6,225.5115
Worker	2.9079	1.8945	25.2564	0.0784	10.1605	0.0453	10.2058	2.6946	0.0417	2.7363		7,925.8127	7,925.8127	0.1889	0.2027	7,990.9433
Total	**3.2425**	**13.1913**	**29.7388**	**0.1346**	**12.2485**	**0.1378**	**12.3862**	**3.2958**	**0.1302**	**3.4260**		**13,887.4222**	**13,887.4222**	**0.2514**	**1.0831**	**14,216.4548**

3.9 Paving - Phase 2 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**		**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0513	0.0351	0.4456	1.3400e-003	0.1677	7.8000e-004	0.1685	0.0445	7.2000e-004	0.0452		135.0635	135.0635	3.4300e-003	3.6000e-003	136.2226
Total	**0.0513**	**0.0351**	**0.4456**	**1.3400e-003**	**0.1677**	**7.8000e-004**	**0.1685**	**0.0445**	**7.2000e-004**	**0.0452**		**135.0635**	**135.0635**	**3.4300e-003**	**3.6000e-003**	**136.2226**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**	**0.0000**	**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0513	0.0351	0.4456	1.3400e-003	0.1677	7.8000e-004	0.1685	0.0445	7.2000e-004	0.0452		135.0635	135.0635	3.4300e-003	3.6000e-003	136.2226
Total	**0.0513**	**0.0351**	**0.4456**	**1.3400e-003**	**0.1677**	**7.8000e-004**	**0.1685**	**0.0445**	**7.2000e-004**	**0.0452**		**135.0635**	**135.0635**	**3.4300e-003**	**3.6000e-003**	**136.2226**

3.10 Architectural Coating - Phase 2 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	68.5845					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
Total	**68.7762**	**1.3030**	**1.8111**	**2.9700e-003**		**0.0708**	**0.0708**		**0.0708**	**0.0708**		**281.4481**	**281.4481**	**0.0168**		**281.8690**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.6229	0.4260	5.4071	0.0162	2.0343	9.5100e-003	2.0438	0.5395	8.7600e-003	0.5483		1,638.7707	1,638.7707	0.0417	0.0437	1,652.8346
Total	**0.6229**	**0.4260**	**5.4071**	**0.0162**	**2.0343**	**9.5100e-003**	**2.0438**	**0.5395**	**8.7600e-003**	**0.5483**		**1,638.7707**	**1,638.7707**	**0.0417**	**0.0437**	**1,652.8346**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	68.5845					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690
Total	**68.7762**	**1.3030**	**1.8111**	**2.9700e-003**		**0.0708**	**0.0708**		**0.0708**	**0.0708**	**0.0000**	**281.4481**	**281.4481**	**0.0168**		**281.8690**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.6229	0.4260	5.4071	0.0162	2.0343	9.5100e-003	2.0438	0.5395	8.7600e-003	0.5483		1,638.7707	1,638.7707	0.0417	0.0437	1,652.8346
Total	**0.6229**	**0.4260**	**5.4071**	**0.0162**	**2.0343**	**9.5100e-003**	**2.0438**	**0.5395**	**8.7600e-003**	**0.5483**		**1,638.7707**	**1,638.7707**	**0.0417**	**0.0437**	**1,652.8346**

3.11 Paving - Phase 1 - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9882**	**9.5246**	**14.6258**	**0.0228**		**0.4685**	**0.4685**		**0.4310**	**0.4310**		**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0480	0.0313	0.4168	1.2900e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		130.7890	130.7890	3.1200e-003	3.3500e-003	131.8638
Total	**0.0480**	**0.0313**	**0.4168**	**1.2900e-003**	**0.1677**	**7.5000e-004**	**0.1684**	**0.0445**	**6.9000e-004**	**0.0452**		**130.7890**	**130.7890**	**3.1200e-003**	**3.3500e-003**	**131.8638**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310	0.0000	2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9882**	**9.5246**	**14.6258**	**0.0228**		**0.4685**	**0.4685**		**0.4310**	**0.4310**	**0.0000**	**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0480	0.0313	0.4168	1.2900e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		130.7890	130.7890	3.1200e-003	3.3500e-003	131.8638
Total	**0.0480**	**0.0313**	**0.4168**	**1.2900e-003**	**0.1677**	**7.5000e-004**	**0.1684**	**0.0445**	**6.9000e-004**	**0.0452**		**130.7890**	**130.7890**	**3.1200e-003**	**3.3500e-003**	**131.8638**

3.11 Paving - Phase 1 - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9152**	**8.5816**	**14.5780**	**0.0228**		**0.4185**	**0.4185**		**0.3850**	**0.3850**		**2,206.7452**	**2,206.7452**	**0.7137**		**2,224.5878**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0450	0.0280	0.3881	1.2500e-003	0.1677	7.1000e-004	0.1684	0.0445	6.5000e-004	0.0451		126.3625	126.3625	2.8200e-003	3.1200e-003	127.3630
Total	**0.0450**	**0.0280**	**0.3881**	**1.2500e-003**	**0.1677**	**7.1000e-004**	**0.1684**	**0.0445**	**6.5000e-004**	**0.0451**		**126.3625**	**126.3625**	**2.8200e-003**	**3.1200e-003**	**127.3630**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9152**	**8.5816**	**14.5780**	**0.0228**		**0.4185**	**0.4185**		**0.3850**	**0.3850**	**0.0000**	**2,206.7452**	**2,206.7452**	**0.7137**		**2,224.5878**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0450	0.0280	0.3881	1.2500e-003	0.1677	7.1000e-004	0.1684	0.0445	6.5000e-004	0.0451		126.3625	126.3625	2.8200e-003	3.1200e-003	127.3630
Total	**0.0450**	**0.0280**	**0.3881**	**1.2500e-003**	**0.1677**	**7.1000e-004**	**0.1684**	**0.0445**	**6.5000e-004**	**0.0451**		**126.3625**	**126.3625**	**2.8200e-003**	**3.1200e-003**	**127.3630**

3.12 Architectural Coating - Phase 1 - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	75.2605					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	**75.4313**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**		**281.4481**	**281.4481**	**0.0154**		**281.8319**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.5455	0.3399	4.7088	0.0152	2.0343	8.6100e-003	2.0429	0.5395	7.9300e-003	0.5474		1,533.1986	1,533.1986	0.0342	0.0379	1,545.3381
Total	**0.5455**	**0.3399**	**4.7088**	**0.0152**	**2.0343**	**8.6100e-003**	**2.0429**	**0.5395**	**7.9300e-003**	**0.5474**		**1,533.1986**	**1,533.1986**	**0.0342**	**0.0379**	**1,545.3381**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	75.2605					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	**75.4313**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**	**0.0000**	**281.4481**	**281.4481**	**0.0154**		**281.8319**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.5455	0.3399	4.7088	0.0152	2.0343	8.6100e-003	2.0429	0.5395	7.9300e-003	0.5474		1,533.1986	1,533.1986	0.0342	0.0379	1,545.3381
Total	**0.5455**	**0.3399**	**4.7088**	**0.0152**	**2.0343**	**8.6100e-003**	**2.0429**	**0.5395**	**7.9300e-003**	**0.5474**		**1,533.1986**	**1,533.1986**	**0.0342**	**0.0379**	**1,545.3381**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	5.3988	6.9381	55.7027	0.1322	15.7412	0.0959	15.8372	4.1972	0.0896	4.2867		13,431.8495	13,431.8495	0.7159	0.5638	13,617.7489
Unmitigated	5.3988	6.9381	55.7027	0.1322	15.7412	0.0959	15.8372	4.1972	0.0896	4.2867		13,431.8495	13,431.8495	0.7159	0.5638	13,617.7489

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Condo/Townhouse	429.20	476.76	367.72	1,644,372	1,644,372
Fast Food Restaurant with Drive Thru	377.50	493.90	378.80	1,190,642	1,190,642
Single Family Housing	1,063.23	1,075.68	963.63	4,044,538	4,044,538
Total	1,869.93	2,046.34	1,710.15	6,879,552	6,879,552

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6

Condo/Townhouse	14.70	5.90	8.70	40.20	19.20	40.60	100	0	0
Fast Food Restaurant with Drive	16.60	8.40	6.90	2.20	78.80	19.00	100	0	0
Single Family Housing	14.70	5.90	8.70	40.20	19.20	40.60	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.540541	0.056458	0.173793	0.136090	0.025268	0.007074	0.011525	0.018705	0.000610	0.000304	0.023606	0.001094	0.004932
Condo/Townhouse	0.550845	0.057534	0.177106	0.138684	0.025750	0.007209	0.011745	0.000000	0.000622	0.000310	0.024056	0.001115	0.005026
Fast Food Restaurant with Drive Thru	0.540541	0.056458	0.173793	0.136090	0.025268	0.007074	0.011525	0.018705	0.000610	0.000304	0.023606	0.001094	0.004932
Single Family Housing	0.550845	0.057534	0.177106	0.138684	0.025750	0.007209	0.011745	0.000000	0.000622	0.000310	0.024056	0.001115	0.005026

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Kilowatt Hours of Renewable Electricity Generated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.3610	3.1287	1.6349	0.0197		0.2494	0.2494		0.2494	0.2494		3,937.9999	3,937.9999	0.0755	0.0722	3,961.4014
NaturalGas Unmitigated	0.3610	3.1287	1.6349	0.0197		0.2494	0.2494		0.2494	0.2494		3,937.9999	3,937.9999	0.0755	0.0722	3,961.4014

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	6705.74	0.0723	0.6180	0.2630	3.9400e-003		0.0500	0.0500		0.0500	0.0500		788.9111	788.9111	0.0151	0.0145	793.5992
Fast Food Restaurant with Drive Thru	7470.14	0.0806	0.7324	0.6152	4.3900e-003		0.0557	0.0557		0.0557	0.0557		878.8397	878.8397	0.0168	0.0161	884.0622
Single Family Housing	19297.1	0.2081	1.7784	0.7568	0.0114		0.1438	0.1438		0.1438	0.1438		2,270.2492	2,270.2492	0.0435	0.0416	2,283.7401
Total		**0.3610**	**3.1287**	**1.6349**	**0.0197**		**0.2494**	**0.2494**		**0.2494**	**0.2494**		**3,937.9999**	**3,937.9999**	**0.0755**	**0.0722**	**3,961.4014**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	6.70574	0.0723	0.6180	0.2630	3.9400e-003		0.0500	0.0500		0.0500	0.0500		788.9111	788.9111	0.0151	0.0145	793.5992
Fast Food Restaurant with Drive Thru	7.47014	0.0806	0.7324	0.6152	4.3900e-003		0.0557	0.0557		0.0557	0.0557		878.8397	878.8397	0.0168	0.0161	884.0622
Single Family Housing	19.2971	0.2081	1.7784	0.7568	0.0114		0.1438	0.1438		0.1438	0.1438		2,270.2492	2,270.2492	0.0435	0.0416	2,283.7401
Total		**0.3610**	**3.1287**	**1.6349**	**0.0197**		**0.2494**	**0.2494**		**0.2494**	**0.2494**		**3,937.9999**	**3,937.9999**	**0.0755**	**0.0722**	**3,961.4014**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	13.9576	5.4931	32.2795	0.0344		0.5831	0.5831		0.5831	0.5831	0.0000	6,624.2325	6,624.2325	0.1779	0.1205	6,664.5736

Unmitigated	13.9576	5.4931	32.2795	0.0344		0.5831	0.5831		0.5831	0.5831	0.0000	6,624.2325	6,624.2325	0.1779	0.1205	6,664.5736

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.9926					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	11.4590					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.6023	5.1465	2.1900	0.0329		0.4161	0.4161		0.4161	0.4161	0.0000	6,570.0000	6,570.0000	0.1259	0.1205	6,609.0422
Landscaping	0.9037	0.3466	30.0895	1.5900e-003		0.1670	0.1670		0.1670	0.1670		54.2325	54.2325	0.0520		55.5313
Total	**13.9576**	**5.4931**	**32.2795**	**0.0344**		**0.5831**	**0.5831**		**0.5831**	**0.5831**	**0.0000**	**6,624.2325**	**6,624.2325**	**0.1779**	**0.1205**	**6,664.5736**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.9926					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	11.4590					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.6023	5.1465	2.1900	0.0329		0.4161	0.4161		0.4161	0.4161	0.0000	6,570.0000	6,570.0000	0.1259	0.1205	6,609.0422
Landscaping	0.9037	0.3466	30.0895	1.5900e-003		0.1670	0.1670		0.1670	0.1670		54.2325	54.2325	0.0520		55.5313
Total	**13.9576**	**5.4931**	**32.2795**	**0.0344**		**0.5831**	**0.5831**		**0.5831**	**0.5831**	**0.0000**	**6,624.2325**	**6,624.2325**	**0.1779**	**0.1205**	**6,664.5736**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Trails at Corona 2025 - MITIGATED Construction

Riverside-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
City Park	40.00	Acre	40.00	1,742,400.00	0
Fast Food Restaurant with Drive Thru	10.00	1000sqft	0.23	10,000.00	0
Condo/Townhouse	116.00	Dwelling Unit	2.66	116,000.00	332
Single Family Housing	249.00	Dwelling Unit	61.11	448,200.00	712

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.4	**Precipitation Freq (Days)**	28
Climate Zone	10			**Operational Year**	2025
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Note 1

Construction Phase - Note 2

Trips and VMT - Note 3

Demolition - Note 4

Grading - Note 3

Architectural Coating - Note 5, Note 10

Vehicle Trips - Mitigated Construction Only

Woodstoves - Mitigated Construction Only

Consumer Products - Mitigated Construction Only

Area Coating - Mitigated Construction Only

Energy Use - Mitigated Construction Only

Water And Wastewater - Mitigated Construction Only

Solid Waste - Mitigated Construction Only

Construction Off-road Equipment Mitigation - Note 8, Note 10

Energy Mitigation -

Fleet Mix -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	5,001.00	10,002.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	5,001.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	15,002.00	30,004.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	15,002.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	380,835.00	598,902.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	380,835.00	162,768.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,142,505.00	1,796,706.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,142,505.00	488,304.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	10.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	10.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	10.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	10.00
tblArchitecturalCoating	EF_Parking	100.00	10.00
tblArchitecturalCoating	EF_Parking	100.00	10.00
tblArchitecturalCoating	EF_Residential_Exterior	50.00	10.00
tblArchitecturalCoating	EF_Residential_Exterior	50.00	10.00
tblArchitecturalCoating	EF_Residential_Interior	50.00	10.00
tblArchitecturalCoating	EF_Residential_Interior	50.00	10.00
tblAreaCoating	ReapplicationRatePercent	10	0

tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	7.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	18.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	220.00	75.00

tblConstructionPhase	NumDays	220.00	22.00
tblConstructionPhase	NumDays	3,100.00	231.00
tblConstructionPhase	NumDays	3,100.00	636.00
tblConstructionPhase	NumDays	200.00	31.00
tblConstructionPhase	NumDays	310.00	157.00
tblConstructionPhase	NumDays	310.00	22.00
tblConstructionPhase	NumDays	220.00	111.00
tblConstructionPhase	NumDays	220.00	21.00
tblConstructionPhase	NumDays	120.00	90.00
tblConstructionPhase	NumDays	120.00	11.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConsumerProducts	ROG_EF	1.98E-05	0
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	0
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	0
tblEnergyUse	LightingElect	1,001.10	0.00
tblEnergyUse	LightingElect	6.62	0.00
tblEnergyUse	LightingElect	1,608.84	0.00
tblEnergyUse	NT24E	3,795.01	0.00

tblEnergyUse	NT24E	28.48	0.00
tblEnergyUse	NT24E	6,155.97	0.00
tblEnergyUse	NT24NG	6,030.00	0.00
tblEnergyUse	NT24NG	195.77	0.00
tblEnergyUse	NT24NG	6,030.00	0.00
tblEnergyUse	T24E	177.65	0.00
tblEnergyUse	T24E	11.06	0.00
tblEnergyUse	T24E	199.85	0.00
tblEnergyUse	T24NG	15,069.97	0.00
tblEnergyUse	T24NG	76.89	0.00
tblEnergyUse	T24NG	22,256.94	0.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	98.60	0.00
tblFireplaces	NumberGas	211.65	0.00
tblFireplaces	NumberNoFireplace	11.60	0.00
tblFireplaces	NumberNoFireplace	24.90	0.00
tblFireplaces	NumberWood	5.80	0.00
tblFireplaces	NumberWood	12.45	0.00
tblGrading	MaterialExported	0.00	110,298.00
tblLandUse	LotAcreage	7.25	2.66
tblLandUse	LotAcreage	80.84	61.11
tblSolidWaste	SolidWasteGenerationRate	3.44	0.00
tblSolidWaste	SolidWasteGenerationRate	53.36	0.00

tblSolidWaste	SolidWasteGenerationRate	115.19	0.00
tblSolidWaste	SolidWasteGenerationRate	291.92	0.00
tblTripsAndVMT	HaulingTripLength	20.00	5.60
tblVehicleTrips	ST_TR	1.96	0.00
tblVehicleTrips	ST_TR	8.14	0.00
tblVehicleTrips	ST_TR	616.12	0.00
tblVehicleTrips	ST_TR	9.54	0.00
tblVehicleTrips	SU_TR	2.19	0.00
tblVehicleTrips	SU_TR	6.28	0.00
tblVehicleTrips	SU_TR	472.58	0.00
tblVehicleTrips	SU_TR	8.55	0.00
tblVehicleTrips	WD_TR	0.78	0.00
tblVehicleTrips	WD_TR	7.32	0.00
tblVehicleTrips	WD_TR	470.95	0.00
tblVehicleTrips	WD_TR	9.44	0.00
tblWater	IndoorWaterUseRate	7,557,866.97	0.00
tblWater	IndoorWaterUseRate	3,035,337.12	0.00
tblWater	IndoorWaterUseRate	16,223,352.38	0.00
tblWater	OutdoorWaterUseRate	47,659,253.99	0.00
tblWater	OutdoorWaterUseRate	4,764,742.22	0.00
tblWater	OutdoorWaterUseRate	193,744.92	0.00
tblWater	OutdoorWaterUseRate	10,227,765.63	0.00
tblWoodstoves	NumberCatalytic	5.80	0.00
tblWoodstoves	NumberCatalytic	12.45	0.00
tblWoodstoves	NumberNoncatalytic	5.80	0.00
tblWoodstoves	NumberNoncatalytic	12.45	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00

tblWoodstoves	WoodstoveWoodMass	999.60	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	9.6831	82.2504	88.9702	0.2589	29.8060	3.3094	33.0930	14.0008	3.0460	17.0262	0.0000	26,119.7419	26,119.7419	3.9234	1.4405	26,621.1395
2023	19.8323	65.3663	107.7743	0.3465	24.4970	2.2959	26.1770	7.1408	2.1314	9.2722	0.0000	35,256.2885	35,256.2885	2.8519	2.2115	35,959.2333
2024	4.9263	25.9219	51.5905	0.1695	12.2485	0.7508	12.9992	3.2958	0.7068	4.0026	0.0000	17,247.9975	17,247.9975	0.8572	1.0756	17,589.9427
2025	15.8016	8.6087	15.0551	0.0242	2.0343	0.4192	2.0945	0.5395	0.3857	0.5990	0.0000	2,346.1399	2,346.1399	0.7165	0.0370	2,364.9620
Maximum	**19.8323**	**82.2504**	**107.7743**	**0.3465**	**29.8060**	**3.3094**	**33.0930**	**14.0008**	**3.0460**	**17.0262**	**0.0000**	**35,256.2885**	**35,256.2885**	**3.9234**	**2.2115**	**35,959.2333**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	5.6744	26.6118	94.2237	0.2589	16.5279	0.4911	17.0190	5.6013	0.4768	5.8026	0.0000	26,119.7419	26,119.7419	3.9234	1.4405	26,621.1395
2023	18.6360	30.7053	110.5689	0.3465	24.4970	0.4666	24.9636	6.5916	0.4510	7.0426	0.0000	35,256.2885	35,256.2885	2.8519	2.2115	35,959.2332
2024	3.9746	15.0896	53.0508	0.1695	12.2485	0.2228	12.4713	3.2958	0.2152	3.5110	0.0000	17,247.9975	17,247.9975	0.8572	1.0756	17,589.9427
2025	15.6604	1.2424	17.7728	0.0242	2.0343	0.0381	2.0469	0.5395	0.0381	0.5514	0.0000	2,346.1399	2,346.1399	0.7165	0.0370	2,364.9620
Maximum	**18.6360**	**30.7053**	**110.5689**	**0.3465**	**24.4970**	**0.4911**	**24.9636**	**6.5916**	**0.4768**	**7.0426**	**0.0000**	**35,256.2885**	**35,256.2885**	**3.9234**	**2.2115**	**35,959.2332**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**12.53**	**59.57**	**-4.64**	**0.00**	**19.36**	**82.01**	**24.02**	**35.83**	**81.16**	**45.28**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					

Area	0.9037	0.3466	30.0895	1.5900e-003		0.1670	0.1670		0.1670	0.1670	0.0000	54.2325	54.2325	0.0520	0.0000	55.5313
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.9037**	**0.3466**	**30.0895**	**1.5900e-003**	**0.0000**	**0.1670**	**0.1670**	**0.0000**	**0.1670**	**0.1670**	**0.0000**	**54.2325**	**54.2325**	**0.0520**	**0.0000**	**55.5313**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.9037	0.3466	30.0895	1.5900e-003		0.1670	0.1670		0.1670	0.1670	0.0000	54.2325	54.2325	0.0520	0.0000	55.5313
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.9037**	**0.3466**	**30.0895**	**1.5900e-003**	**0.0000**	**0.1670**	**0.1670**	**0.0000**	**0.1670**	**0.1670**	**0.0000**	**54.2325**	**54.2325**	**0.0520**	**0.0000**	**55.5313**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition - Phase 1	Demolition	4/1/2022	5/1/2022	7	31	
2	Site Preparation - Phase 1	Site Preparation	5/2/2022	7/30/2022	7	90	
3	Site Preparation - Phase 2	Site Preparation	7/31/2022	8/10/2022	7	11	
4	Grading - Phase 1	Grading	7/31/2022	1/3/2023	7	157	
5	Grading - Phase 2	Grading	8/11/2022	9/1/2022	7	22	
6	Building Construction - Phase 2	Building Construction	9/2/2022	4/20/2023	7	231	
7	Building Construction - Phase 1	Building Construction	1/4/2023	9/30/2024	7	636	
8	Paving - Phase 2	Paving	4/21/2023	5/11/2023	7	21	
9	Architectural Coating - Phase 2	Architectural Coating	5/12/2023	6/2/2023	7	22	
10	Paving - Phase 1	Paving	10/1/2024	1/19/2025	7	111	
11	Architectural Coating - Phase 1	Architectural Coating	1/20/2025	4/4/2025	7	75	

Acres of Grading (Site Preparation Phase): 135

Acres of Grading (Grading Phase): 471

Acres of Paving: 0

Residential Indoor: 488,304; Residential Outdoor: 162,768; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor

Demolition - Phase 1	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition - Phase 1	Excavators	3	8.00	158	0.38
Demolition - Phase 1	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation - Phase 1	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation - Phase 1	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Site Preparation - Phase 2	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation - Phase 2	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading - Phase 1	Excavators	2	8.00	158	0.38
Grading - Phase 1	Graders	1	8.00	187	0.41
Grading - Phase 1	Rubber Tired Dozers	1	8.00	247	0.40
Grading - Phase 1	Scrapers	2	8.00	367	0.48
Grading - Phase 1	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Grading - Phase 2	Excavators	2	8.00	158	0.38
Grading - Phase 2	Graders	1	8.00	187	0.41
Grading - Phase 2	Rubber Tired Dozers	1	8.00	247	0.40
Grading - Phase 2	Scrapers	2	8.00	367	0.48
Grading - Phase 2	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction - Phase 2	Cranes	1	7.00	231	0.29
Building Construction - Phase 2	Forklifts	3	8.00	89	0.20
Building Construction - Phase 2	Generator Sets	1	8.00	84	0.74
Building Construction - Phase 2	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction - Phase 2	Welders	1	8.00	46	0.45
Building Construction - Phase 1	Cranes	1	7.00	231	0.29
Building Construction - Phase 1	Forklifts	3	8.00	89	0.20
Building Construction - Phase 1	Generator Sets	1	8.00	84	0.74
Building Construction - Phase 1	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction - Phase 1	Welders	1	8.00	46	0.45
Paving - Phase 2	Pavers	2	8.00	130	0.42

Paving - Phase 2	Paving Equipment	2	8.00	132	0.36
Paving - Phase 2	Rollers	2	8.00	80	0.38
Architectural Coating - Phase 2	Air Compressors	1	6.00	78	0.48
Paving - Phase 1	Pavers	2	8.00	130	0.42
Paving - Phase 1	Paving Equipment	2	8.00	132	0.36
Paving - Phase 1	Rollers	2	8.00	80	0.38
Architectural Coating - Phase 1	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition - Phase 1	6	15.00	0.00	11.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation - Phase 1	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation - Phase 2	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading - Phase 1	8	20.00	0.00	13,787.00	14.70	6.90	5.60	LD_Mix	HDT_Mix	HHDT
Grading - Phase 2	8	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - Phase 2	9	909.00	326.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - Phase 1	9	909.00	326.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving - Phase 2	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - Phase 2	1	182.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving - Phase 1	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - Phase 1	1	182.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - Phase 1 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0799	0.0000	0.0799	0.0121	0.0000	0.0121			0.0000			0.0000
Off-Road	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553		3,746.7812	3,746.7812	1.0524		3,773.0920
Total	**2.6392**	**25.7194**	**20.5941**	**0.0388**	**0.0799**	**1.2427**	**1.3225**	**0.0121**	**1.1553**	**1.1674**		**3,746.7812**	**3,746.7812**	**1.0524**		**3,773.0920**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.1200e-003	0.0453	0.0101	2.0000e-004	6.2100e-003	5.3000e-004	6.7400e-003	1.7000e-003	5.0000e-004	2.2100e-003		21.7641	21.7641	2.9000e-004	3.4300e-003	22.7931
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0591	0.0383	0.5972	1.5200e-003	0.1677	8.3000e-004	0.1685	0.0445	7.7000e-004	0.0452		154.0341	154.0341	3.8400e-003	3.8100e-003	155.2664
Total	**0.0602**	**0.0836**	**0.6072**	**1.7200e-003**	**0.1739**	**1.3600e-003**	**0.1752**	**0.0462**	**1.2700e-003**	**0.0474**		**175.7982**	**175.7982**	**4.1300e-003**	**7.2400e-003**	**178.0595**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0312	0.0000	0.0312	4.7200e-003	0.0000	4.7200e-003			0.0000			0.0000
Off-Road	0.4623	2.0032	23.2798	0.0388		0.0616	0.0616		0.0616	0.0616	0.0000	3,746.7812	3,746.7812	1.0524		3,773.0920
Total	**0.4623**	**2.0032**	**23.2798**	**0.0388**	**0.0312**	**0.0616**	**0.0928**	**4.7200e-003**	**0.0616**	**0.0664**	**0.0000**	**3,746.7812**	**3,746.7812**	**1.0524**		**3,773.0920**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.1200e-003	0.0453	0.0101	2.0000e-004	6.2100e-003	5.3000e-004	6.7400e-003	1.7000e-003	5.0000e-004	2.2100e-003		21.7641	21.7641	2.9000e-004	3.4300e-003	22.7931
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0591	0.0383	0.5972	1.5200e-003	0.1677	8.3000e-004	0.1685	0.0445	7.7000e-004	0.0452		154.0341	154.0341	3.8400e-003	3.8100e-003	155.2664
Total	**0.0602**	**0.0836**	**0.6072**	**1.7200e-003**	**0.1739**	**1.3600e-003**	**0.1752**	**0.0462**	**1.2700e-003**	**0.0474**		**175.7982**	**175.7982**	**4.1300e-003**	**7.2400e-003**	**178.0595**

3.3 Site Preparation - Phase 1 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836		3,686.0619	3,686.0619	1.1922		3,715.8655
Total	**3.1701**	**33.0835**	**19.6978**	**0.0380**	**19.6570**	**1.6126**	**21.2696**	**10.1025**	**1.4836**	**11.5860**		**3,686.0619**	**3,686.0619**	**1.1922**		**3,715.8655**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0709	0.0460	0.7166	1.8300e-003	0.2012	1.0000e-003	0.2022	0.0534	9.2000e-004	0.0543		184.8409	184.8409	4.6100e-003	4.5800e-003	186.3197
Total	**0.0709**	**0.0460**	**0.7166**	**1.8300e-003**	**0.2012**	**1.0000e-003**	**0.2022**	**0.0534**	**9.2000e-004**	**0.0543**		**184.8409**	**184.8409**	**4.6100e-003**	**4.5800e-003**	**186.3197**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.6662	0.0000	7.6662	3.9400	0.0000	3.9400			0.0000			0.0000
Off-Road	0.4656	2.0175	20.8690	0.0380		0.0621	0.0621		0.0621	0.0621	0.0000	3,686.0619	3,686.0619	1.1922		3,715.8655
Total	**0.4656**	**2.0175**	**20.8690**	**0.0380**	**7.6662**	**0.0621**	**7.7283**	**3.9400**	**0.0621**	**4.0020**	**0.0000**	**3,686.0619**	**3,686.0619**	**1.1922**		**3,715.8655**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0709	0.0460	0.7166	1.8300e-003	0.2012	1.0000e-003	0.2022	0.0534	9.2000e-004	0.0543		184.8409	184.8409	4.6100e-003	4.5800e-003	186.3197
Total	**0.0709**	**0.0460**	**0.7166**	**1.8300e-003**	**0.2012**	**1.0000e-003**	**0.2022**	**0.0534**	**9.2000e-004**	**0.0543**		**184.8409**	**184.8409**	**4.6100e-003**	**4.5800e-003**	**186.3197**

3.4 Site Preparation - Phase 2 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836		3,686.0619	3,686.0619	1.1922		3,715.8655
Total	**3.1701**	**33.0835**	**19.6978**	**0.0380**	**19.6570**	**1.6126**	**21.2696**	**10.1025**	**1.4836**	**11.5860**		**3,686.0619**	**3,686.0619**	**1.1922**		**3,715.8655**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0709	0.0460	0.7166	1.8300e-003	0.2012	1.0000e-003	0.2022	0.0534	9.2000e-004	0.0543		184.8409	184.8409	4.6100e-003	4.5800e-003	186.3197
Total	**0.0709**	**0.0460**	**0.7166**	**1.8300e-003**	**0.2012**	**1.0000e-003**	**0.2022**	**0.0534**	**9.2000e-004**	**0.0543**		**184.8409**	**184.8409**	**4.6100e-003**	**4.5800e-003**	**186.3197**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.6662	0.0000	7.6662	3.9400	0.0000	3.9400			0.0000			0.0000
Off-Road	0.4656	2.0175	20.8690	0.0380		0.0621	0.0621		0.0621	0.0621	0.0000	3,686.0619	3,686.0619	1.1922		3,715.8655
Total	**0.4656**	**2.0175**	**20.8690**	**0.0380**	**7.6662**	**0.0621**	**7.7283**	**3.9400**	**0.0621**	**4.0020**	**0.0000**	**3,686.0619**	**3,686.0619**	**1.1922**		**3,715.8655**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0709	0.0460	0.7166	1.8300e-003	0.2012	1.0000e-003	0.2022	0.0534	9.2000e-004	0.0543		184.8409	184.8409	4.6100e-003	4.5800e-003	186.3197
Total	**0.0709**	**0.0460**	**0.7166**	**1.8300e-003**	**0.2012**	**1.0000e-003**	**0.2022**	**0.0534**	**9.2000e-004**	**0.0543**		**184.8409**	**184.8409**	**4.6100e-003**	**4.5800e-003**	**186.3197**

3.5 Grading - Phase 1 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.2926	0.0000	9.2926	3.6672	0.0000	3.6672			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041		6,011.4105	6,011.4105	1.9442		6,060.0158
Total	**3.6248**	**38.8435**	**29.0415**	**0.0621**	**9.2926**	**1.6349**	**10.9274**	**3.6672**	**1.5041**	**5.1713**		**6,011.4105**	**6,011.4105**	**1.9442**		**6,060.0158**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1617	4.4613	1.7886	0.0162	0.4317	0.0374	0.4691	0.1185	0.0358	0.1543		1,724.1346	1,724.1346	0.0247	0.2716	1,805.6756
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0788	0.0511	0.7962	2.0300e-003	0.2236	1.1100e-003	0.2247	0.0593	1.0200e-003	0.0603		205.3788	205.3788	5.1200e-003	5.0800e-003	207.0218
Total	**0.2405**	**4.5124**	**2.5848**	**0.0182**	**0.6553**	**0.0385**	**0.6938**	**0.1778**	**0.0368**	**0.2146**		**1,929.5134**	**1,929.5134**	**0.0298**	**0.2766**	**2,012.6974**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.6241	0.0000	3.6241	1.4302	0.0000	1.4302			0.0000			0.0000
Off-Road	0.7616	3.3000	32.9991	0.0621		0.1015	0.1015		0.1015	0.1015	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158
Total	**0.7616**	**3.3000**	**32.9991**	**0.0621**	**3.6241**	**0.1015**	**3.7256**	**1.4302**	**0.1015**	**1.5318**	**0.0000**	**6,011.4105**	**6,011.4105**	**1.9442**		**6,060.0158**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1617	4.4613	1.7886	0.0162	0.4317	0.0374	0.4691	0.1185	0.0358	0.1543		1,724.1346	1,724.1346	0.0247	0.2716	1,805.6756
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0788	0.0511	0.7962	2.0300e-003	0.2236	1.1100e-003	0.2247	0.0593	1.0200e-003	0.0603		205.3788	205.3788	5.1200e-003	5.0800e-003	207.0218
Total	**0.2405**	**4.5124**	**2.5848**	**0.0182**	**0.6553**	**0.0385**	**0.6938**	**0.1778**	**0.0368**	**0.2146**		**1,929.5134**	**1,929.5134**	**0.0298**	**0.2766**	**2,012.6974**

3.5 Grading - Phase 1 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.2926	0.0000	9.2926	3.6672	0.0000	3.6672			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105		6,011.4777	6,011.4777	1.9442		6,060.0836
Total	**3.3217**	**34.5156**	**28.0512**	**0.0621**	**9.2926**	**1.4245**	**10.7170**	**3.6672**	**1.3105**	**4.9778**		**6,011.4777**	**6,011.4777**	**1.9442**		**6,060.0836**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1380	3.7193	1.8330	0.0155	0.4317	0.0304	0.4620	0.1185	0.0290	0.1475		1,649.5137	1,649.5137	0.0248	0.2599	1,727.5761
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0730	0.0451	0.7317	1.9700e-003	0.2236	1.0500e-003	0.2246	0.0593	9.6000e-004	0.0603		198.7481	198.7481	4.5900e-003	4.6900e-003	200.2612
Total	**0.2110**	**3.7644**	**2.5647**	**0.0174**	**0.6552**	**0.0314**	**0.6866**	**0.1778**	**0.0300**	**0.2078**		**1,848.2617**	**1,848.2617**	**0.0294**	**0.2646**	**1,927.8372**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.6241	0.0000	3.6241	1.4302	0.0000	1.4302			0.0000			0.0000
Off-Road	0.7616	3.3000	32.9991	0.0621		0.1015	0.1015		0.1015	0.1015	0.0000	6,011.4777	6,011.4777	1.9442		6,060.0836
Total	**0.7616**	**3.3000**	**32.9991**	**0.0621**	**3.6241**	**0.1015**	**3.7256**	**1.4302**	**0.1015**	**1.5318**	**0.0000**	**6,011.4777**	**6,011.4777**	**1.9442**		**6,060.0836**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1380	3.7193	1.8330	0.0155	0.4317	0.0304	0.4620	0.1185	0.0290	0.1475		1,649.5137	1,649.5137	0.0248	0.2599	1,727.5761
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0730	0.0451	0.7317	1.9700e-003	0.2236	1.0500e-003	0.2246	0.0593	9.6000e-004	0.0603		198.7481	198.7481	4.5900e-003	4.6900e-003	200.2612
Total	**0.2110**	**3.7644**	**2.5647**	**0.0174**	**0.6552**	**0.0314**	**0.6866**	**0.1778**	**0.0300**	**0.2078**		**1,848.2617**	**1,848.2617**	**0.0294**	**0.2646**	**1,927.8372**

3.6 Grading - Phase 2 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.2036	0.0000	9.2036	3.6538	0.0000	3.6538			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041		6,011.4105	6,011.4105	1.9442		6,060.0158
Total	**3.6248**	**38.8435**	**29.0415**	**0.0621**	**9.2036**	**1.6349**	**10.8385**	**3.6538**	**1.5041**	**5.1579**		**6,011.4105**	**6,011.4105**	**1.9442**		**6,060.0158**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0788	0.0511	0.7962	2.0300e-003	0.2236	1.1100e-003	0.2247	0.0593	1.0200e-003	0.0603		205.3788	205.3788	5.1200e-003	5.0800e-003	207.0218
Total	**0.0788**	**0.0511**	**0.7962**	**2.0300e-003**	**0.2236**	**1.1100e-003**	**0.2247**	**0.0593**	**1.0200e-003**	**0.0603**		**205.3788**	**205.3788**	**5.1200e-003**	**5.0800e-003**	**207.0218**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.5894	0.0000	3.5894	1.4250	0.0000	1.4250			0.0000			0.0000
Off-Road	0.7616	3.3000	32.9991	0.0621		0.1015	0.1015		0.1015	0.1015	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158
Total	**0.7616**	**3.3000**	**32.9991**	**0.0621**	**3.5894**	**0.1015**	**3.6909**	**1.4250**	**0.1015**	**1.5265**	**0.0000**	**6,011.4105**	**6,011.4105**	**1.9442**		**6,060.0158**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0788	0.0511	0.7962	2.0300e-003	0.2236	1.1100e-003	0.2247	0.0593	1.0200e-003	0.0603		205.3788	205.3788	5.1200e-003	5.0800e-003	207.0218
Total	**0.0788**	**0.0511**	**0.7962**	**2.0300e-003**	**0.2236**	**1.1100e-003**	**0.2247**	**0.0593**	**1.0200e-003**	**0.0603**		**205.3788**	**205.3788**	**5.1200e-003**	**5.0800e-003**	**207.0218**

3.7 Building Construction - Phase 2 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
Total	**1.7062**	**15.6156**	**16.3634**	**0.0269**		**0.8090**	**0.8090**		**0.7612**	**0.7612**		**2,554.3336**	**2,554.3336**	**0.6120**		**2,569.6322**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5305	13.7853	4.7933	0.0594	2.0881	0.1988	2.2868	0.6012	0.1901	0.7914		6,290.0180	6,290.0180	0.0666	0.9328	6,569.6513
Worker	3.5811	2.3205	36.1873	0.0924	10.1605	0.0506	10.2110	2.6946	0.0465	2.7412		9,334.4664	9,334.4664	0.2327	0.2311	9,409.1428
Total	**4.1116**	**16.1058**	**40.9806**	**0.1517**	**12.2486**	**0.2493**	**12.4979**	**3.2958**	**0.2367**	**3.5325**		**15,624.4843**	**15,624.4843**	**0.2993**	**1.1639**	**15,978.7941**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5608	2.6936	17.6592	0.0269		0.1018	0.1018		0.1018	0.1018	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
Total	**0.5608**	**2.6936**	**17.6592**	**0.0269**		**0.1018**	**0.1018**		**0.1018**	**0.1018**	**0.0000**	**2,554.3336**	**2,554.3336**	**0.6120**		**2,569.6322**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5305	13.7853	4.7933	0.0594	2.0881	0.1988	2.2868	0.6012	0.1901	0.7914		6,290.0180	6,290.0180	0.0666	0.9328	6,569.6513
Worker	3.5811	2.3205	36.1873	0.0924	10.1605	0.0506	10.2110	2.6946	0.0465	2.7412		9,334.4664	9,334.4664	0.2327	0.2311	9,409.1428
Total	**4.1116**	**16.1058**	**40.9806**	**0.1517**	**12.2486**	**0.2493**	**12.4979**	**3.2958**	**0.2367**	**3.5325**		**15,624.4843**	**15,624.4843**	**0.2993**	**1.1639**	**15,978.7941**

3.7 Building Construction - Phase 2 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**1.5728**	**14.3849**	**16.2440**	**0.0269**		**0.6997**	**0.6997**		**0.6584**	**0.6584**		**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3675	10.6506	4.3854	0.0570	2.0880	0.0928	2.1808	0.6012	0.0887	0.6899		6,039.8347	6,039.8347	0.0616	0.8925	6,307.3414
Worker	3.3190	2.0507	33.2577	0.0894	10.1605	0.0475	10.2080	2.6946	0.0437	2.7384		9,033.0997	9,033.0997	0.2088	0.2133	9,101.8692
Total	**3.6864**	**12.7014**	**37.6431**	**0.1463**	**12.2485**	**0.1403**	**12.3888**	**3.2958**	**0.1325**	**3.4283**		**15,072.9343**	**15,072.9343**	**0.2704**	**1.1058**	**15,409.2106**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5385	2.6513	17.6413	0.0269		0.0930	0.0930		0.0930	0.0930	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**0.5385**	**2.6513**	**17.6413**	**0.0269**		**0.0930**	**0.0930**		**0.0930**	**0.0930**	**0.0000**	**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3675	10.6506	4.3854	0.0570	2.0880	0.0928	2.1808	0.6012	0.0887	0.6899		6,039.8347	6,039.8347	0.0616	0.8925	6,307.3414
Worker	3.3190	2.0507	33.2577	0.0894	10.1605	0.0475	10.2080	2.6946	0.0437	2.7384		9,033.0997	9,033.0997	0.2088	0.2133	9,101.8692
Total	**3.6864**	**12.7014**	**37.6431**	**0.1463**	**12.2485**	**0.1403**	**12.3888**	**3.2958**	**0.1325**	**3.4283**		**15,072.9343**	**15,072.9343**	**0.2704**	**1.1058**	**15,409.2106**

3.8 Building Construction - Phase 1 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**1.5728**	**14.3849**	**16.2440**	**0.0269**		**0.6997**	**0.6997**		**0.6584**	**0.6584**		**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3675	10.6506	4.3854	0.0570	2.0880	0.0928	2.1808	0.6012	0.0887	0.6899		6,039.8347	6,039.8347	0.0616	0.8925	6,307.3414
Worker	3.3190	2.0507	33.2577	0.0894	10.1605	0.0475	10.2080	2.6946	0.0437	2.7384		9,033.0997	9,033.0997	0.2088	0.2133	9,101.8692
Total	**3.6864**	**12.7014**	**37.6431**	**0.1463**	**12.2485**	**0.1403**	**12.3888**	**3.2958**	**0.1325**	**3.4283**		**15,072.9343**	**15,072.9343**	**0.2704**	**1.1058**	**15,409.2106**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5385	2.6513	17.6413	0.0269		0.0930	0.0930		0.0930	0.0930	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**0.5385**	**2.6513**	**17.6413**	**0.0269**		**0.0930**	**0.0930**		**0.0930**	**0.0930**	**0.0000**	**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3675	10.6506	4.3854	0.0570	2.0880	0.0928	2.1808	0.6012	0.0887	0.6899		6,039.8347	6,039.8347	0.0616	0.8925	6,307.3414
Worker	3.3190	2.0507	33.2577	0.0894	10.1605	0.0475	10.2080	2.6946	0.0437	2.7384		9,033.0997	9,033.0997	0.2088	0.2133	9,101.8692
Total	**3.6864**	**12.7014**	**37.6431**	**0.1463**	**12.2485**	**0.1403**	**12.3888**	**3.2958**	**0.1325**	**3.4283**		**15,072.9343**	**15,072.9343**	**0.2704**	**1.1058**	**15,409.2106**

3.8 Building Construction - Phase 1 - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.6989	2,555.6989	0.6044		2,570.8077
Total	**1.4716**	**13.4438**	**16.1668**	**0.0270**		**0.6133**	**0.6133**		**0.5769**	**0.5769**		**2,555.6989**	**2,555.6989**	**0.6044**		**2,570.8077**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3617	10.6515	4.3352	0.0561	2.0880	0.0921	2.1801	0.6012	0.0881	0.6893		5,946.7479	5,946.7479	0.0638	0.8774	6,209.8151
Worker	3.0931	1.8267	31.0885	0.0865	10.1605	0.0453	10.2058	2.6946	0.0417	2.7363		8,745.5507	8,745.5507	0.1891	0.1981	8,809.3199
Total	**3.4547**	**12.4782**	**35.4237**	**0.1426**	**12.2485**	**0.1375**	**12.3859**	**3.2958**	**0.1299**	**3.4257**		**14,692.2986**	**14,692.2986**	**0.2529**	**1.0756**	**15,019.1350**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5199	2.6115	17.6271	0.0270		0.0853	0.0853		0.0853	0.0853	0.0000	2,555.6989	2,555.6989	0.6044		2,570.8077
Total	**0.5199**	**2.6115**	**17.6271**	**0.0270**		**0.0853**	**0.0853**		**0.0853**	**0.0853**	**0.0000**	**2,555.6989**	**2,555.6989**	**0.6044**		**2,570.8077**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3617	10.6515	4.3352	0.0561	2.0880	0.0921	2.1801	0.6012	0.0881	0.6893		5,946.7479	5,946.7479	0.0638	0.8774	6,209.8151
Worker	3.0931	1.8267	31.0885	0.0865	10.1605	0.0453	10.2058	2.6946	0.0417	2.7363		8,745.5507	8,745.5507	0.1891	0.1981	8,809.3199
Total	**3.4547**	**12.4782**	**35.4237**	**0.1426**	**12.2485**	**0.1375**	**12.3859**	**3.2958**	**0.1299**	**3.4257**		**14,692.2986**	**14,692.2986**	**0.2529**	**1.0756**	**15,019.1350**

3.9 Paving - Phase 2 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**		**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0548	0.0338	0.5488	1.4700e-003	0.1677	7.8000e-004	0.1685	0.0445	7.2000e-004	0.0452		149.0611	149.0611	3.4500e-003	3.5200e-003	150.1959
Total	**0.0548**	**0.0338**	**0.5488**	**1.4700e-003**	**0.1677**	**7.8000e-004**	**0.1685**	**0.0445**	**7.2000e-004**	**0.0452**		**149.0611**	**149.0611**	**3.4500e-003**	**3.5200e-003**	**150.1959**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.2805**	**1.2154**	**17.2957**	**0.0228**		**0.0374**	**0.0374**		**0.0374**	**0.0374**	**0.0000**	**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0548	0.0338	0.5488	1.4700e-003	0.1677	7.8000e-004	0.1685	0.0445	7.2000e-004	0.0452		149.0611	149.0611	3.4500e-003	3.5200e-003	150.1959
Total	**0.0548**	**0.0338**	**0.5488**	**1.4700e-003**	**0.1677**	**7.8000e-004**	**0.1685**	**0.0445**	**7.2000e-004**	**0.0452**		**149.0611**	**149.0611**	**3.4500e-003**	**3.5200e-003**	**150.1959**

3.10 Architectural Coating - Phase 2 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	13.7169					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
Total	**13.9086**	**1.3030**	**1.8111**	**2.9700e-003**		**0.0708**	**0.0708**		**0.0708**	**0.0708**		**281.4481**	**281.4481**	**0.0168**		**281.8690**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.6645	0.4106	6.6589	0.0179	2.0343	9.5100e-003	2.0438	0.5395	8.7600e-003	0.5483		1,808.6074	1,808.6074	0.0418	0.0427	1,822.3765
Total	**0.6645**	**0.4106**	**6.6589**	**0.0179**	**2.0343**	**9.5100e-003**	**2.0438**	**0.5395**	**8.7600e-003**	**0.5483**		**1,808.6074**	**1,808.6074**	**0.0418**	**0.0427**	**1,822.3765**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	13.7169					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0168		281.8690
Total	**13.7466**	**0.1288**	**1.8324**	**2.9700e-003**		**3.9600e-003**	**3.9600e-003**		**3.9600e-003**	**3.9600e-003**	**0.0000**	**281.4481**	**281.4481**	**0.0168**		**281.8690**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.6645	0.4106	6.6589	0.0179	2.0343	9.5100e-003	2.0438	0.5395	8.7600e-003	0.5483		1,808.6074	1,808.6074	0.0418	0.0427	1,822.3765
Total	**0.6645**	**0.4106**	**6.6589**	**0.0179**	**2.0343**	**9.5100e-003**	**2.0438**	**0.5395**	**8.7600e-003**	**0.5483**		**1,808.6074**	**1,808.6074**	**0.0418**	**0.0427**	**1,822.3765**

3.11 Paving - Phase 1 - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9882**	**9.5246**	**14.6258**	**0.0228**		**0.4685**	**0.4685**		**0.4310**	**0.4310**		**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0510	0.0301	0.5130	1.4300e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		144.3160	144.3160	3.1200e-003	3.2700e-003	145.3683
Total	**0.0510**	**0.0301**	**0.5130**	**1.4300e-003**	**0.1677**	**7.5000e-004**	**0.1684**	**0.0445**	**6.9000e-004**	**0.0452**		**144.3160**	**144.3160**	**3.1200e-003**	**3.2700e-003**	**145.3683**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.2805**	**1.2154**	**17.2957**	**0.0228**		**0.0374**	**0.0374**		**0.0374**	**0.0374**	**0.0000**	**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0510	0.0301	0.5130	1.4300e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		144.3160	144.3160	3.1200e-003	3.2700e-003	145.3683
Total	**0.0510**	**0.0301**	**0.5130**	**1.4300e-003**	**0.1677**	**7.5000e-004**	**0.1684**	**0.0445**	**6.9000e-004**	**0.0452**		**144.3160**	**144.3160**	**3.1200e-003**	**3.2700e-003**	**145.3683**

3.11 Paving - Phase 1 - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9152**	**8.5816**	**14.5780**	**0.0228**		**0.4185**	**0.4185**		**0.3850**	**0.3850**		**2,206.7452**	**2,206.7452**	**0.7137**		**2,224.5878**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0477	0.0270	0.4771	1.3800e-003	0.1677	7.1000e-004	0.1684	0.0445	6.5000e-004	0.0451		139.3947	139.3947	2.8100e-003	3.0500e-003	140.3742
Total	**0.0477**	**0.0270**	**0.4771**	**1.3800e-003**	**0.1677**	**7.1000e-004**	**0.1684**	**0.0445**	**6.5000e-004**	**0.0451**		**139.3947**	**139.3947**	**2.8100e-003**	**3.0500e-003**	**140.3742**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.2805**	**1.2154**	**17.2957**	**0.0228**		**0.0374**	**0.0374**		**0.0374**	**0.0374**	**0.0000**	**2,206.7452**	**2,206.7452**	**0.7137**		**2,224.5878**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0477	0.0270	0.4771	1.3800e-003	0.1677	7.1000e-004	0.1684	0.0445	6.5000e-004	0.0451		139.3947	139.3947	2.8100e-003	3.0500e-003	140.3742
Total	**0.0477**	**0.0270**	**0.4771**	**1.3800e-003**	**0.1677**	**7.1000e-004**	**0.1684**	**0.0445**	**6.5000e-004**	**0.0451**		**139.3947**	**139.3947**	**2.8100e-003**	**3.0500e-003**	**140.3742**

3.12 Architectural Coating - Phase 1 - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	15.0521					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	**15.2230**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**		**281.4481**	**281.4481**	**0.0154**		**281.8319**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.5786	0.3278	5.7887	0.0167	2.0343	8.6100e-003	2.0429	0.5395	7.9300e-003	0.5474		1,691.3225	1,691.3225	0.0341	0.0370	1,703.2073
Total	**0.5786**	**0.3278**	**5.7887**	**0.0167**	**2.0343**	**8.6100e-003**	**2.0429**	**0.5395**	**7.9300e-003**	**0.5474**		**1,691.3225**	**1,691.3225**	**0.0341**	**0.0370**	**1,703.2073**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	15.0521					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154		281.8319
Total	**15.0818**	**0.1288**	**1.8324**	**2.9700e-003**		**3.9600e-003**	**3.9600e-003**		**3.9600e-003**	**3.9600e-003**	**0.0000**	**281.4481**	**281.4481**	**0.0154**		**281.8319**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.5786	0.3278	5.7887	0.0167	2.0343	8.6100e-003	2.0429	0.5395	7.9300e-003	0.5474		1,691.3225	1,691.3225	0.0341	0.0370	1,703.2073
Total	**0.5786**	**0.3278**	**5.7887**	**0.0167**	**2.0343**	**8.6100e-003**	**2.0429**	**0.5395**	**7.9300e-003**	**0.5474**		**1,691.3225**	**1,691.3225**	**0.0341**	**0.0370**	**1,703.2073**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Condo/Townhouse	0.00	0.00	0.00		
Fast Food Restaurant with Drive Thru	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6

Condo/Townhouse	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Fast Food Restaurant with Drive	16.60	8.40	6.90	2.20	78.80	19.00	29	21	50
Single Family Housing	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.540541	0.056458	0.173793	0.136090	0.025268	0.007074	0.011525	0.018705	0.000610	0.000304	0.023606	0.001094	0.004932
Condo/Townhouse	0.540541	0.056458	0.173793	0.136090	0.025268	0.007074	0.011525	0.018705	0.000610	0.000304	0.023606	0.001094	0.004932
Fast Food Restaurant with Drive Thru	0.540541	0.056458	0.173793	0.136090	0.025268	0.007074	0.011525	0.018705	0.000610	0.000304	0.023606	0.001094	0.004932
Single Family Housing	0.540541	0.056458	0.173793	0.136090	0.025268	0.007074	0.011525	0.018705	0.000610	0.000304	0.023606	0.001094	0.004932

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant with Drive Thru	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant with Drive Thru	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.9037	0.3466	30.0895	1.5900e-003		0.1670	0.1670		0.1670	0.1670	0.0000	54.2325	54.2325	0.0520	0.0000	55.5313

Unmitigated	0.9037	0.3466	30.0895	1.5900e-003		0.1670	0.1670		0.1670	0.1670	0.0000	54.2325	54.2325	0.0520	0.0000	55.5313

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.9037	0.3466	30.0895	1.5900e-003		0.1670	0.1670		0.1670	0.1670		54.2325	54.2325	0.0520		55.5313
Total	**0.9037**	**0.3466**	**30.0895**	**1.5900e-003**		**0.1670**	**0.1670**		**0.1670**	**0.1670**	**0.0000**	**54.2325**	**54.2325**	**0.0520**	**0.0000**	**55.5313**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.9037	0.3466	30.0895	1.5900e-003		0.1670	0.1670		0.1670	0.1670		54.2325	54.2325	0.0520		55.5313
Total	**0.9037**	**0.3466**	**30.0895**	**1.5900e-003**		**0.1670**	**0.1670**		**0.1670**	**0.1670**	**0.0000**	**54.2325**	**54.2325**	**0.0520**	**0.0000**	**55.5313**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Trails at Corona 2025 - MITIGATED Construction

Riverside-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
City Park	40.00	Acre	40.00	1,742,400.00	0
Fast Food Restaurant with Drive Thru	10.00	1000sqft	0.23	10,000.00	0
Condo/Townhouse	116.00	Dwelling Unit	2.66	116,000.00	332
Single Family Housing	249.00	Dwelling Unit	61.11	448,200.00	712

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.4	**Precipitation Freq (Days)**	28
Climate Zone	10			**Operational Year**	2025
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Note 1

Construction Phase - Note 2

Trips and VMT - Note 3

Demolition - Note 4

Grading - Note 3

Architectural Coating - Note 5, Note 10

Vehicle Trips - Mitigated Construction Only

Woodstoves - Mitigated Construction Only

Consumer Products - Mitigated Construction Only

Area Coating - Mitigated Construction Only

Energy Use - Mitigated Construction Only

Water And Wastewater - Mitigated Construction Only

Solid Waste - Mitigated Construction Only

Construction Off-road Equipment Mitigation - Note 8, Note 10

Energy Mitigation -

Fleet Mix -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	5,001.00	10,002.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	5,001.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	15,002.00	30,004.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	15,002.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	380,835.00	598,902.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	380,835.00	162,768.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,142,505.00	1,796,706.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,142,505.00	488,304.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	10.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	10.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	10.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	10.00
tblArchitecturalCoating	EF_Parking	100.00	10.00
tblArchitecturalCoating	EF_Parking	100.00	10.00
tblArchitecturalCoating	EF_Residential_Exterior	50.00	10.00
tblArchitecturalCoating	EF_Residential_Exterior	50.00	10.00
tblArchitecturalCoating	EF_Residential_Interior	50.00	10.00
tblArchitecturalCoating	EF_Residential_Interior	50.00	10.00
tblAreaCoating	ReapplicationRatePercent	10	0

tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	7.00
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
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tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
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tblConstructionPhase	NumDays	3,100.00	231.00
tblConstructionPhase	NumDays	3,100.00	636.00
tblConstructionPhase	NumDays	200.00	31.00
tblConstructionPhase	NumDays	310.00	157.00
tblConstructionPhase	NumDays	310.00	22.00
tblConstructionPhase	NumDays	220.00	111.00
tblConstructionPhase	NumDays	220.00	21.00
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tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConsumerProducts	ROG_EF	1.98E-05	0
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	0
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	0
tblEnergyUse	LightingElect	1,001.10	0.00
tblEnergyUse	LightingElect	6.62	0.00
tblEnergyUse	LightingElect	1,608.84	0.00
tblEnergyUse	NT24E	3,795.01	0.00

tblEnergyUse	NT24E	28.48	0.00
tblEnergyUse	NT24E	6,155.97	0.00
tblEnergyUse	NT24NG	6,030.00	0.00
tblEnergyUse	NT24NG	195.77	0.00
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tblEnergyUse	T24E	177.65	0.00
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tblEnergyUse	T24E	199.85	0.00
tblEnergyUse	T24NG	15,069.97	0.00
tblEnergyUse	T24NG	76.89	0.00
tblEnergyUse	T24NG	22,256.94	0.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
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tblFireplaces	NumberNoFireplace	24.90	0.00
tblFireplaces	NumberWood	5.80	0.00
tblFireplaces	NumberWood	12.45	0.00
tblGrading	MaterialExported	0.00	110,298.00
tblLandUse	LotAcreage	7.25	2.66
tblLandUse	LotAcreage	80.84	61.11
tblSolidWaste	SolidWasteGenerationRate	3.44	0.00
tblSolidWaste	SolidWasteGenerationRate	53.36	0.00

tblSolidWaste	SolidWasteGenerationRate	115.19	0.00
tblSolidWaste	SolidWasteGenerationRate	291.92	0.00
tblTripsAndVMT	HaulingTripLength	20.00	5.60
tblVehicleTrips	ST_TR	1.96	0.00
tblVehicleTrips	ST_TR	8.14	0.00
tblVehicleTrips	ST_TR	616.12	0.00
tblVehicleTrips	ST_TR	9.54	0.00
tblVehicleTrips	SU_TR	2.19	0.00
tblVehicleTrips	SU_TR	6.28	0.00
tblVehicleTrips	SU_TR	472.58	0.00
tblVehicleTrips	SU_TR	8.55	0.00
tblVehicleTrips	WD_TR	0.78	0.00
tblVehicleTrips	WD_TR	7.32	0.00
tblVehicleTrips	WD_TR	470.95	0.00
tblVehicleTrips	WD_TR	9.44	0.00
tblWater	IndoorWaterUseRate	7,557,866.97	0.00
tblWater	IndoorWaterUseRate	3,035,337.12	0.00
tblWater	IndoorWaterUseRate	16,223,352.38	0.00
tblWater	OutdoorWaterUseRate	47,659,253.99	0.00
tblWater	OutdoorWaterUseRate	4,764,742.22	0.00
tblWater	OutdoorWaterUseRate	193,744.92	0.00
tblWater	OutdoorWaterUseRate	10,227,765.63	0.00
tblWoodstoves	NumberCatalytic	5.80	0.00
tblWoodstoves	NumberCatalytic	12.45	0.00
tblWoodstoves	NumberNoncatalytic	5.80	0.00
tblWoodstoves	NumberNoncatalytic	12.45	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00

tblWoodstoves	WoodstoveWoodMass	999.60	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	9.4062	82.5173	82.2123	0.2501	29.8060	3.3096	33.0932	14.0008	3.0462	17.0264	0.0000	25,232.0322	25,232.0322	3.9226	1.4485	25,735.7314
2023	19.5553	66.3467	95.5658	0.3300	24.4970	2.2964	26.1777	7.1408	2.1319	9.2727	0.0000	33,589.7662	33,589.7662	2.8492	2.2275	34,297.3672
2024	4.7141	26.6350	45.9056	0.1616	12.2485	0.7511	12.9996	3.2958	0.7071	4.0029	0.0000	16,443.1211	16,443.1211	0.8558	1.0831	16,787.2624
2025	15.7685	8.6096	14.9661	0.0241	2.0343	0.4192	2.0945	0.5395	0.3857	0.5990	0.0000	2,333.1077	2,333.1077	0.7165	0.0379	2,351.9508
Maximum	**19.5553**	**82.5173**	**95.5658**	**0.3300**	**29.8060**	**3.3096**	**33.0932**	**14.0008**	**3.0462**	**17.0264**	**0.0000**	**33,589.7662**	**33,589.7662**	**3.9226**	**2.2275**	**34,297.3672**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	5.3975	27.7028	87.4658	0.2501	16.5279	0.4918	17.0197	5.6013	0.4774	5.8028	0.0000	25,232.0322	25,232.0322	3.9226	1.4485	25,735.7314
2023	18.3590	32.1485	98.3605	0.3300	24.4970	0.4672	24.9642	6.5916	0.4516	7.0432	0.0000	33,589.7662	33,589.7662	2.8492	2.2275	34,297.3672
2024	3.7624	15.8028	47.3659	0.1616	12.2485	0.2231	12.4716	3.2958	0.2155	3.5113	0.0000	16,443.1211	16,443.1211	0.8558	1.0831	16,787.2624
2025	15.6273	1.2434	17.6838	0.0241	2.0343	0.0381	2.0469	0.5395	0.0381	0.5514	0.0000	2,333.1077	2,333.1077	0.7165	0.0379	2,351.9508
Maximum	**18.3590**	**32.1485**	**98.3605**	**0.3300**	**24.4970**	**0.4918**	**24.9642**	**6.5916**	**0.4774**	**7.0432**	**0.0000**	**33,589.7662**	**33,589.7662**	**3.9226**	**2.2275**	**34,297.3672**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**12.74**	**58.23**	**-5.12**	**0.00**	**19.36**	**81.99**	**24.02**	**35.83**	**81.14**	**45.28**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					

Area	0.9037	0.3466	30.0895	1.5900e-003		0.1670	0.1670		0.1670	0.1670	0.0000	54.2325	54.2325	0.0520	0.0000	55.5313
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.9037**	**0.3466**	**30.0895**	**1.5900e-003**	**0.0000**	**0.1670**	**0.1670**	**0.0000**	**0.1670**	**0.1670**	**0.0000**	**54.2325**	**54.2325**	**0.0520**	**0.0000**	**55.5313**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.9037	0.3466	30.0895	1.5900e-003		0.1670	0.1670		0.1670	0.1670	0.0000	54.2325	54.2325	0.0520	0.0000	55.5313
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.9037**	**0.3466**	**30.0895**	**1.5900e-003**	**0.0000**	**0.1670**	**0.1670**	**0.0000**	**0.1670**	**0.1670**	**0.0000**	**54.2325**	**54.2325**	**0.0520**	**0.0000**	**55.5313**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition - Phase 1	Demolition	4/1/2022	5/1/2022	7	31	
2	Site Preparation - Phase 1	Site Preparation	5/2/2022	7/30/2022	7	90	
3	Site Preparation - Phase 2	Site Preparation	7/31/2022	8/10/2022	7	11	
4	Grading - Phase 1	Grading	7/31/2022	1/3/2023	7	157	
5	Grading - Phase 2	Grading	8/11/2022	9/1/2022	7	22	
6	Building Construction - Phase 2	Building Construction	9/2/2022	4/20/2023	7	231	
7	Building Construction - Phase 1	Building Construction	1/4/2023	9/30/2024	7	636	
8	Paving - Phase 2	Paving	4/21/2023	5/11/2023	7	21	
9	Architectural Coating - Phase 2	Architectural Coating	5/12/2023	6/2/2023	7	22	
10	Paving - Phase 1	Paving	10/1/2024	1/19/2025	7	111	
11	Architectural Coating - Phase 1	Architectural Coating	1/20/2025	4/4/2025	7	75	

Acres of Grading (Site Preparation Phase): 135

Acres of Grading (Grading Phase): 471

Acres of Paving: 0

Residential Indoor: 488,304; Residential Outdoor: 162,768; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor

Demolition - Phase 1	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition - Phase 1	Excavators	3	8.00	158	0.38
Demolition - Phase 1	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation - Phase 1	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation - Phase 1	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Site Preparation - Phase 2	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation - Phase 2	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading - Phase 1	Excavators	2	8.00	158	0.38
Grading - Phase 1	Graders	1	8.00	187	0.41
Grading - Phase 1	Rubber Tired Dozers	1	8.00	247	0.40
Grading - Phase 1	Scrapers	2	8.00	367	0.48
Grading - Phase 1	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Grading - Phase 2	Excavators	2	8.00	158	0.38
Grading - Phase 2	Graders	1	8.00	187	0.41
Grading - Phase 2	Rubber Tired Dozers	1	8.00	247	0.40
Grading - Phase 2	Scrapers	2	8.00	367	0.48
Grading - Phase 2	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction - Phase 2	Cranes	1	7.00	231	0.29
Building Construction - Phase 2	Forklifts	3	8.00	89	0.20
Building Construction - Phase 2	Generator Sets	1	8.00	84	0.74
Building Construction - Phase 2	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction - Phase 2	Welders	1	8.00	46	0.45
Building Construction - Phase 1	Cranes	1	7.00	231	0.29
Building Construction - Phase 1	Forklifts	3	8.00	89	0.20
Building Construction - Phase 1	Generator Sets	1	8.00	84	0.74
Building Construction - Phase 1	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction - Phase 1	Welders	1	8.00	46	0.45
Paving - Phase 2	Pavers	2	8.00	130	0.42

Paving - Phase 2	Paving Equipment	2	8.00	132	0.36
Paving - Phase 2	Rollers	2	8.00	80	0.38
Architectural Coating - Phase 2	Air Compressors	1	6.00	78	0.48
Paving - Phase 1	Pavers	2	8.00	130	0.42
Paving - Phase 1	Paving Equipment	2	8.00	132	0.36
Paving - Phase 1	Rollers	2	8.00	80	0.38
Architectural Coating - Phase 1	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition - Phase 1	6	15.00	0.00	11.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation - Phase 1	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation - Phase 2	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading - Phase 1	8	20.00	0.00	13,787.00	14.70	6.90	5.60	LD_Mix	HDT_Mix	HHDT
Grading - Phase 2	8	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - Phase 2	9	909.00	326.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - Phase 1	9	909.00	326.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving - Phase 2	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - Phase 2	1	182.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving - Phase 1	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - Phase 1	1	182.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - Phase 1 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0799	0.0000	0.0799	0.0121	0.0000	0.0121			0.0000			0.0000
Off-Road	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553		3,746.7812	3,746.7812	1.0524		3,773.0920
Total	**2.6392**	**25.7194**	**20.5941**	**0.0388**	**0.0799**	**1.2427**	**1.3225**	**0.0121**	**1.1553**	**1.1674**		**3,746.7812**	**3,746.7812**	**1.0524**		**3,773.0920**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.0700e-003	0.0478	0.0104	2.0000e-004	6.2100e-003	5.3000e-004	6.7400e-003	1.7000e-003	5.0000e-004	2.2100e-003		21.7807	21.7807	2.9000e-004	3.4300e-003	22.8105
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0552	0.0398	0.4840	1.3800e-003	0.1677	8.3000e-004	0.1685	0.0445	7.7000e-004	0.0452		139.5236	139.5236	3.8100e-003	3.9000e-003	140.7822
Total	**0.0563**	**0.0876**	**0.4943**	**1.5800e-003**	**0.1739**	**1.3600e-003**	**0.1752**	**0.0462**	**1.2700e-003**	**0.0474**		**161.3043**	**161.3043**	**4.1000e-003**	**7.3300e-003**	**163.5927**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0312	0.0000	0.0312	4.7200e-003	0.0000	4.7200e-003			0.0000			0.0000
Off-Road	0.4623	2.0032	23.2798	0.0388		0.0616	0.0616		0.0616	0.0616	0.0000	3,746.7812	3,746.7812	1.0524		3,773.0920
Total	**0.4623**	**2.0032**	**23.2798**	**0.0388**	**0.0312**	**0.0616**	**0.0928**	**4.7200e-003**	**0.0616**	**0.0664**	**0.0000**	**3,746.7812**	**3,746.7812**	**1.0524**		**3,773.0920**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.0700e-003	0.0478	0.0104	2.0000e-004	6.2100e-003	5.3000e-004	6.7400e-003	1.7000e-003	5.0000e-004	2.2100e-003		21.7807	21.7807	2.9000e-004	3.4300e-003	22.8105
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0552	0.0398	0.4840	1.3800e-003	0.1677	8.3000e-004	0.1685	0.0445	7.7000e-004	0.0452		139.5236	139.5236	3.8100e-003	3.9000e-003	140.7822
Total	**0.0563**	**0.0876**	**0.4943**	**1.5800e-003**	**0.1739**	**1.3600e-003**	**0.1752**	**0.0462**	**1.2700e-003**	**0.0474**		**161.3043**	**161.3043**	**4.1000e-003**	**7.3300e-003**	**163.5927**

3.3 Site Preparation - Phase 1 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836		3,686.0619	3,686.0619	1.1922		3,715.8655
Total	**3.1701**	**33.0835**	**19.6978**	**0.0380**	**19.6570**	**1.6126**	**21.2696**	**10.1025**	**1.4836**	**11.5860**		**3,686.0619**	**3,686.0619**	**1.1922**		**3,715.8655**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0662	0.0477	0.5807	1.6600e-003	0.2012	1.0000e-003	0.2022	0.0534	9.2000e-004	0.0543		167.4284	167.4284	4.5800e-003	4.6800e-003	168.9386
Total	**0.0662**	**0.0477**	**0.5807**	**1.6600e-003**	**0.2012**	**1.0000e-003**	**0.2022**	**0.0534**	**9.2000e-004**	**0.0543**		**167.4284**	**167.4284**	**4.5800e-003**	**4.6800e-003**	**168.9386**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.6662	0.0000	7.6662	3.9400	0.0000	3.9400			0.0000			0.0000
Off-Road	0.4656	2.0175	20.8690	0.0380		0.0621	0.0621		0.0621	0.0621	0.0000	3,686.0619	3,686.0619	1.1922		3,715.8655
Total	**0.4656**	**2.0175**	**20.8690**	**0.0380**	**7.6662**	**0.0621**	**7.7283**	**3.9400**	**0.0621**	**4.0020**	**0.0000**	**3,686.0619**	**3,686.0619**	**1.1922**		**3,715.8655**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0662	0.0477	0.5807	1.6600e-003	0.2012	1.0000e-003	0.2022	0.0534	9.2000e-004	0.0543		167.4284	167.4284	4.5800e-003	4.6800e-003	168.9386
Total	**0.0662**	**0.0477**	**0.5807**	**1.6600e-003**	**0.2012**	**1.0000e-003**	**0.2022**	**0.0534**	**9.2000e-004**	**0.0543**		**167.4284**	**167.4284**	**4.5800e-003**	**4.6800e-003**	**168.9386**

3.4 Site Preparation - Phase 2 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836		3,686.0619	3,686.0619	1.1922		3,715.8655
Total	**3.1701**	**33.0835**	**19.6978**	**0.0380**	**19.6570**	**1.6126**	**21.2696**	**10.1025**	**1.4836**	**11.5860**		**3,686.0619**	**3,686.0619**	**1.1922**		**3,715.8655**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0662	0.0477	0.5807	1.6600e-003	0.2012	1.0000e-003	0.2022	0.0534	9.2000e-004	0.0543		167.4284	167.4284	4.5800e-003	4.6800e-003	168.9386
Total	**0.0662**	**0.0477**	**0.5807**	**1.6600e-003**	**0.2012**	**1.0000e-003**	**0.2022**	**0.0534**	**9.2000e-004**	**0.0543**		**167.4284**	**167.4284**	**4.5800e-003**	**4.6800e-003**	**168.9386**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.6662	0.0000	7.6662	3.9400	0.0000	3.9400			0.0000			0.0000
Off-Road	0.4656	2.0175	20.8690	0.0380		0.0621	0.0621		0.0621	0.0621	0.0000	3,686.0619	3,686.0619	1.1922		3,715.8655
Total	**0.4656**	**2.0175**	**20.8690**	**0.0380**	**7.6662**	**0.0621**	**7.7283**	**3.9400**	**0.0621**	**4.0020**	**0.0000**	**3,686.0619**	**3,686.0619**	**1.1922**		**3,715.8655**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0662	0.0477	0.5807	1.6600e-003	0.2012	1.0000e-003	0.2022	0.0534	9.2000e-004	0.0543		167.4284	167.4284	4.5800e-003	4.6800e-003	168.9386
Total	**0.0662**	**0.0477**	**0.5807**	**1.6600e-003**	**0.2012**	**1.0000e-003**	**0.2022**	**0.0534**	**9.2000e-004**	**0.0543**		**167.4284**	**167.4284**	**4.5800e-003**	**4.6800e-003**	**168.9386**

3.5 Grading - Phase 1 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.2926	0.0000	9.2926	3.6672	0.0000	3.6672			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041		6,011.4105	6,011.4105	1.9442		6,060.0158
Total	**3.6248**	**38.8435**	**29.0415**	**0.0621**	**9.2926**	**1.6349**	**10.9274**	**3.6672**	**1.5041**	**5.1713**		**6,011.4105**	**6,011.4105**	**1.9442**		**6,060.0158**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1485	4.7243	1.8574	0.0162	0.4317	0.0376	0.4693	0.1185	0.0359	0.1544		1,728.2470	1,728.2470	0.0241	0.2722	1,809.9654
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0736	0.0530	0.6453	1.8400e-003	0.2236	1.1100e-003	0.2247	0.0593	1.0200e-003	0.0603		186.0315	186.0315	5.0800e-003	5.2000e-003	187.7096
Total	**0.2221**	**4.7773**	**2.5026**	**0.0181**	**0.6553**	**0.0387**	**0.6939**	**0.1778**	**0.0370**	**0.2147**		**1,914.2785**	**1,914.2785**	**0.0291**	**0.2774**	**1,997.6750**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.6241	0.0000	3.6241	1.4302	0.0000	1.4302			0.0000			0.0000
Off-Road	0.7616	3.3000	32.9991	0.0621		0.1015	0.1015		0.1015	0.1015	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158
Total	**0.7616**	**3.3000**	**32.9991**	**0.0621**	**3.6241**	**0.1015**	**3.7256**	**1.4302**	**0.1015**	**1.5318**	**0.0000**	**6,011.4105**	**6,011.4105**	**1.9442**		**6,060.0158**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1485	4.7243	1.8574	0.0162	0.4317	0.0376	0.4693	0.1185	0.0359	0.1544		1,728.2470	1,728.2470	0.0241	0.2722	1,809.9654
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0736	0.0530	0.6453	1.8400e-003	0.2236	1.1100e-003	0.2247	0.0593	1.0200e-003	0.0603		186.0315	186.0315	5.0800e-003	5.2000e-003	187.7096
Total	**0.2221**	**4.7773**	**2.5026**	**0.0181**	**0.6553**	**0.0387**	**0.6939**	**0.1778**	**0.0370**	**0.2147**		**1,914.2785**	**1,914.2785**	**0.0291**	**0.2774**	**1,997.6750**

3.5 Grading - Phase 1 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.2926	0.0000	9.2926	3.6672	0.0000	3.6672			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105		6,011.4777	6,011.4777	1.9442		6,060.0836
Total	**3.3217**	**34.5156**	**28.0512**	**0.0621**	**9.2926**	**1.4245**	**10.7170**	**3.6672**	**1.3105**	**4.9778**		**6,011.4777**	**6,011.4777**	**1.9442**		**6,060.0836**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1225	3.9764	1.8841	0.0155	0.4317	0.0305	0.4622	0.1185	0.0292	0.1477		1,657.5729	1,657.5729	0.0241	0.2611	1,735.9949
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0684	0.0468	0.5942	1.7800e-003	0.2236	1.0500e-003	0.2246	0.0593	9.6000e-004	0.0603		180.0847	180.0847	4.5800e-003	4.8000e-003	181.6302
Total	**0.1909**	**4.0232**	**2.4783**	**0.0173**	**0.6552**	**0.0316**	**0.6868**	**0.1778**	**0.0301**	**0.2079**		**1,837.6576**	**1,837.6576**	**0.0286**	**0.2659**	**1,917.6251**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.6241	0.0000	3.6241	1.4302	0.0000	1.4302			0.0000			0.0000
Off-Road	0.7616	3.3000	32.9991	0.0621		0.1015	0.1015		0.1015	0.1015	0.0000	6,011.4777	6,011.4777	1.9442		6,060.0836
Total	**0.7616**	**3.3000**	**32.9991**	**0.0621**	**3.6241**	**0.1015**	**3.7256**	**1.4302**	**0.1015**	**1.5318**	**0.0000**	**6,011.4777**	**6,011.4777**	**1.9442**		**6,060.0836**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1225	3.9764	1.8841	0.0155	0.4317	0.0305	0.4622	0.1185	0.0292	0.1477		1,657.5729	1,657.5729	0.0241	0.2611	1,735.9949
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0684	0.0468	0.5942	1.7800e-003	0.2236	1.0500e-003	0.2246	0.0593	9.6000e-004	0.0603		180.0847	180.0847	4.5800e-003	4.8000e-003	181.6302
Total	**0.1909**	**4.0232**	**2.4783**	**0.0173**	**0.6552**	**0.0316**	**0.6868**	**0.1778**	**0.0301**	**0.2079**		**1,837.6576**	**1,837.6576**	**0.0286**	**0.2659**	**1,917.6251**

3.6 Grading - Phase 2 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.2036	0.0000	9.2036	3.6538	0.0000	3.6538			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041		6,011.4105	6,011.4105	1.9442		6,060.0158
Total	**3.6248**	**38.8435**	**29.0415**	**0.0621**	**9.2036**	**1.6349**	**10.8385**	**3.6538**	**1.5041**	**5.1579**		**6,011.4105**	**6,011.4105**	**1.9442**		**6,060.0158**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0736	0.0530	0.6453	1.8400e-003	0.2236	1.1100e-003	0.2247	0.0593	1.0200e-003	0.0603		186.0315	186.0315	5.0800e-003	5.2000e-003	187.7096
Total	**0.0736**	**0.0530**	**0.6453**	**1.8400e-003**	**0.2236**	**1.1100e-003**	**0.2247**	**0.0593**	**1.0200e-003**	**0.0603**		**186.0315**	**186.0315**	**5.0800e-003**	**5.2000e-003**	**187.7096**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.5894	0.0000	3.5894	1.4250	0.0000	1.4250			0.0000			0.0000
Off-Road	0.7616	3.3000	32.9991	0.0621		0.1015	0.1015		0.1015	0.1015	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158
Total	**0.7616**	**3.3000**	**32.9991**	**0.0621**	**3.5894**	**0.1015**	**3.6909**	**1.4250**	**0.1015**	**1.5265**	**0.0000**	**6,011.4105**	**6,011.4105**	**1.9442**		**6,060.0158**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0736	0.0530	0.6453	1.8400e-003	0.2236	1.1100e-003	0.2247	0.0593	1.0200e-003	0.0603		186.0315	186.0315	5.0800e-003	5.2000e-003	187.7096
Total	**0.0736**	**0.0530**	**0.6453**	**1.8400e-003**	**0.2236**	**1.1100e-003**	**0.2247**	**0.0593**	**1.0200e-003**	**0.0603**		**186.0315**	**186.0315**	**5.0800e-003**	**5.2000e-003**	**187.7096**

3.7 Building Construction - Phase 2 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
Total	**1.7062**	**15.6156**	**16.3634**	**0.0269**		**0.8090**	**0.8090**		**0.7612**	**0.7612**		**2,554.3336**	**2,554.3336**	**0.6120**		**2,569.6322**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5078	14.5230	4.9774	0.0594	2.0881	0.1993	2.2873	0.6012	0.1906	0.7919		6,296.8780	6,296.8780	0.0656	0.9345	6,577.0073
Worker	3.3453	2.4088	29.3274	0.0837	10.1605	0.0506	10.2110	2.6946	0.0465	2.7412		8,455.1315	8,455.1315	0.2311	0.2366	8,531.4011
Total	**3.8531**	**16.9318**	**34.3048**	**0.1431**	**12.2486**	**0.2498**	**12.4984**	**3.2958**	**0.2372**	**3.5330**		**14,752.0095**	**14,752.0095**	**0.2967**	**1.1711**	**15,108.4084**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5608	2.6936	17.6592	0.0269		0.1018	0.1018		0.1018	0.1018	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
Total	**0.5608**	**2.6936**	**17.6592**	**0.0269**		**0.1018**	**0.1018**		**0.1018**	**0.1018**	**0.0000**	**2,554.3336**	**2,554.3336**	**0.6120**		**2,569.6322**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5078	14.5230	4.9774	0.0594	2.0881	0.1993	2.2873	0.6012	0.1906	0.7919		6,296.8780	6,296.8780	0.0656	0.9345	6,577.0073
Worker	3.3453	2.4088	29.3274	0.0837	10.1605	0.0506	10.2110	2.6946	0.0465	2.7412		8,455.1315	8,455.1315	0.2311	0.2366	8,531.4011
Total	**3.8531**	**16.9318**	**34.3048**	**0.1431**	**12.2486**	**0.2498**	**12.4984**	**3.2958**	**0.2372**	**3.5330**		**14,752.0095**	**14,752.0095**	**0.2967**	**1.1711**	**15,108.4084**

3.7 Building Construction - Phase 2 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**1.5728**	**14.3849**	**16.2440**	**0.0269**		**0.6997**	**0.6997**		**0.6584**	**0.6584**		**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3403	11.2952	4.5331	0.0571	2.0880	0.0931	2.1811	0.6012	0.0891	0.6903		6,054.8241	6,054.8241	0.0604	0.8955	6,323.1861
Worker	3.1108	2.1278	27.0059	0.0810	10.1605	0.0475	10.2080	2.6946	0.0437	2.7384		8,184.8491	8,184.8491	0.2081	0.2183	8,255.0915
Total	**3.4511**	**13.4230**	**31.5389**	**0.1381**	**12.2485**	**0.1406**	**12.3891**	**3.2958**	**0.1328**	**3.4286**		**14,239.6732**	**14,239.6732**	**0.2685**	**1.1137**	**14,578.2776**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5385	2.6513	17.6413	0.0269		0.0930	0.0930		0.0930	0.0930	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**0.5385**	**2.6513**	**17.6413**	**0.0269**		**0.0930**	**0.0930**		**0.0930**	**0.0930**	**0.0000**	**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3403	11.2952	4.5331	0.0571	2.0880	0.0931	2.1811	0.6012	0.0891	0.6903		6,054.8241	6,054.8241	0.0604	0.8955	6,323.1861
Worker	3.1108	2.1278	27.0059	0.0810	10.1605	0.0475	10.2080	2.6946	0.0437	2.7384		8,184.8491	8,184.8491	0.2081	0.2183	8,255.0915
Total	**3.4511**	**13.4230**	**31.5389**	**0.1381**	**12.2485**	**0.1406**	**12.3891**	**3.2958**	**0.1328**	**3.4286**		**14,239.6732**	**14,239.6732**	**0.2685**	**1.1137**	**14,578.2776**

3.8 Building Construction - Phase 1 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**1.5728**	**14.3849**	**16.2440**	**0.0269**		**0.6997**	**0.6997**		**0.6584**	**0.6584**		**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3403	11.2952	4.5331	0.0571	2.0880	0.0931	2.1811	0.6012	0.0891	0.6903		6,054.8241	6,054.8241	0.0604	0.8955	6,323.1861
Worker	3.1108	2.1278	27.0059	0.0810	10.1605	0.0475	10.2080	2.6946	0.0437	2.7384		8,184.8491	8,184.8491	0.2081	0.2183	8,255.0915
Total	**3.4511**	**13.4230**	**31.5389**	**0.1381**	**12.2485**	**0.1406**	**12.3891**	**3.2958**	**0.1328**	**3.4286**		**14,239.6732**	**14,239.6732**	**0.2685**	**1.1137**	**14,578.2776**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5385	2.6513	17.6413	0.0269		0.0930	0.0930		0.0930	0.0930	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**0.5385**	**2.6513**	**17.6413**	**0.0269**		**0.0930**	**0.0930**		**0.0930**	**0.0930**	**0.0000**	**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3403	11.2952	4.5331	0.0571	2.0880	0.0931	2.1811	0.6012	0.0891	0.6903		6,054.8241	6,054.8241	0.0604	0.8955	6,323.1861
Worker	3.1108	2.1278	27.0059	0.0810	10.1605	0.0475	10.2080	2.6946	0.0437	2.7384		8,184.8491	8,184.8491	0.2081	0.2183	8,255.0915
Total	**3.4511**	**13.4230**	**31.5389**	**0.1381**	**12.2485**	**0.1406**	**12.3891**	**3.2958**	**0.1328**	**3.4286**		**14,239.6732**	**14,239.6732**	**0.2685**	**1.1137**	**14,578.2776**

3.8 Building Construction - Phase 1 - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.6989	2,555.6989	0.6044		2,570.8077
Total	**1.4716**	**13.4438**	**16.1668**	**0.0270**		**0.6133**	**0.6133**		**0.5769**	**0.5769**		**2,555.6989**	**2,555.6989**	**0.6044**		**2,570.8077**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3346	11.2968	4.4824	0.0562	2.0880	0.0925	2.1804	0.6012	0.0884	0.6896		5,961.6095	5,961.6095	0.0625	0.8803	6,225.5115
Worker	2.9079	1.8945	25.2564	0.0784	10.1605	0.0453	10.2058	2.6946	0.0417	2.7363		7,925.8127	7,925.8127	0.1889	0.2027	7,990.9433
Total	**3.2425**	**13.1913**	**29.7388**	**0.1346**	**12.2485**	**0.1378**	**12.3862**	**3.2958**	**0.1302**	**3.4260**		**13,887.4222**	**13,887.4222**	**0.2514**	**1.0831**	**14,216.4548**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5199	2.6115	17.6271	0.0270		0.0853	0.0853		0.0853	0.0853	0.0000	2,555.6989	2,555.6989	0.6044		2,570.8077
Total	**0.5199**	**2.6115**	**17.6271**	**0.0270**		**0.0853**	**0.0853**		**0.0853**	**0.0853**	**0.0000**	**2,555.6989**	**2,555.6989**	**0.6044**		**2,570.8077**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3346	11.2968	4.4824	0.0562	2.0880	0.0925	2.1804	0.6012	0.0884	0.6896		5,961.6095	5,961.6095	0.0625	0.8803	6,225.5115
Worker	2.9079	1.8945	25.2564	0.0784	10.1605	0.0453	10.2058	2.6946	0.0417	2.7363		7,925.8127	7,925.8127	0.1889	0.2027	7,990.9433
Total	**3.2425**	**13.1913**	**29.7388**	**0.1346**	**12.2485**	**0.1378**	**12.3862**	**3.2958**	**0.1302**	**3.4260**		**13,887.4222**	**13,887.4222**	**0.2514**	**1.0831**	**14,216.4548**

3.9 Paving - Phase 2 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**		**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0513	0.0351	0.4456	1.3400e-003	0.1677	7.8000e-004	0.1685	0.0445	7.2000e-004	0.0452		135.0635	135.0635	3.4300e-003	3.6000e-003	136.2226
Total	**0.0513**	**0.0351**	**0.4456**	**1.3400e-003**	**0.1677**	**7.8000e-004**	**0.1685**	**0.0445**	**7.2000e-004**	**0.0452**		**135.0635**	**135.0635**	**3.4300e-003**	**3.6000e-003**	**136.2226**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.2805**	**1.2154**	**17.2957**	**0.0228**		**0.0374**	**0.0374**		**0.0374**	**0.0374**	**0.0000**	**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0513	0.0351	0.4456	1.3400e-003	0.1677	7.8000e-004	0.1685	0.0445	7.2000e-004	0.0452		135.0635	135.0635	3.4300e-003	3.6000e-003	136.2226
Total	**0.0513**	**0.0351**	**0.4456**	**1.3400e-003**	**0.1677**	**7.8000e-004**	**0.1685**	**0.0445**	**7.2000e-004**	**0.0452**		**135.0635**	**135.0635**	**3.4300e-003**	**3.6000e-003**	**136.2226**

3.10 Architectural Coating - Phase 2 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	13.7169					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
Total	**13.9086**	**1.3030**	**1.8111**	**2.9700e-003**		**0.0708**	**0.0708**		**0.0708**	**0.0708**		**281.4481**	**281.4481**	**0.0168**		**281.8690**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.6229	0.4260	5.4071	0.0162	2.0343	9.5100e-003	2.0438	0.5395	8.7600e-003	0.5483		1,638.7707	1,638.7707	0.0417	0.0437	1,652.8346
Total	**0.6229**	**0.4260**	**5.4071**	**0.0162**	**2.0343**	**9.5100e-003**	**2.0438**	**0.5395**	**8.7600e-003**	**0.5483**		**1,638.7707**	**1,638.7707**	**0.0417**	**0.0437**	**1,652.8346**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	13.7169					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0168		281.8690
Total	**13.7466**	**0.1288**	**1.8324**	**2.9700e-003**		**3.9600e-003**	**3.9600e-003**		**3.9600e-003**	**3.9600e-003**	**0.0000**	**281.4481**	**281.4481**	**0.0168**		**281.8690**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.6229	0.4260	5.4071	0.0162	2.0343	9.5100e-003	2.0438	0.5395	8.7600e-003	0.5483		1,638.7707	1,638.7707	0.0417	0.0437	1,652.8346
Total	**0.6229**	**0.4260**	**5.4071**	**0.0162**	**2.0343**	**9.5100e-003**	**2.0438**	**0.5395**	**8.7600e-003**	**0.5483**		**1,638.7707**	**1,638.7707**	**0.0417**	**0.0437**	**1,652.8346**

3.11 Paving - Phase 1 - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9882**	**9.5246**	**14.6258**	**0.0228**		**0.4685**	**0.4685**		**0.4310**	**0.4310**		**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0480	0.0313	0.4168	1.2900e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		130.7890	130.7890	3.1200e-003	3.3500e-003	131.8638
Total	**0.0480**	**0.0313**	**0.4168**	**1.2900e-003**	**0.1677**	**7.5000e-004**	**0.1684**	**0.0445**	**6.9000e-004**	**0.0452**		**130.7890**	**130.7890**	**3.1200e-003**	**3.3500e-003**	**131.8638**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.2805**	**1.2154**	**17.2957**	**0.0228**		**0.0374**	**0.0374**		**0.0374**	**0.0374**	**0.0000**	**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0480	0.0313	0.4168	1.2900e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		130.7890	130.7890	3.1200e-003	3.3500e-003	131.8638
Total	**0.0480**	**0.0313**	**0.4168**	**1.2900e-003**	**0.1677**	**7.5000e-004**	**0.1684**	**0.0445**	**6.9000e-004**	**0.0452**		**130.7890**	**130.7890**	**3.1200e-003**	**3.3500e-003**	**131.8638**

3.11 Paving - Phase 1 - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9152**	**8.5816**	**14.5780**	**0.0228**		**0.4185**	**0.4185**		**0.3850**	**0.3850**		**2,206.7452**	**2,206.7452**	**0.7137**		**2,224.5878**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0450	0.0280	0.3881	1.2500e-003	0.1677	7.1000e-004	0.1684	0.0445	6.5000e-004	0.0451		126.3625	126.3625	2.8200e-003	3.1200e-003	127.3630
Total	**0.0450**	**0.0280**	**0.3881**	**1.2500e-003**	**0.1677**	**7.1000e-004**	**0.1684**	**0.0445**	**6.5000e-004**	**0.0451**		**126.3625**	**126.3625**	**2.8200e-003**	**3.1200e-003**	**127.3630**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.2805**	**1.2154**	**17.2957**	**0.0228**		**0.0374**	**0.0374**		**0.0374**	**0.0374**	**0.0000**	**2,206.7452**	**2,206.7452**	**0.7137**		**2,224.5878**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0450	0.0280	0.3881	1.2500e-003	0.1677	7.1000e-004	0.1684	0.0445	6.5000e-004	0.0451		126.3625	126.3625	2.8200e-003	3.1200e-003	127.3630
Total	**0.0450**	**0.0280**	**0.3881**	**1.2500e-003**	**0.1677**	**7.1000e-004**	**0.1684**	**0.0445**	**6.5000e-004**	**0.0451**		**126.3625**	**126.3625**	**2.8200e-003**	**3.1200e-003**	**127.3630**

3.12 Architectural Coating - Phase 1 - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	15.0521					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	**15.2230**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**		**281.4481**	**281.4481**	**0.0154**		**281.8319**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.5455	0.3399	4.7088	0.0152	2.0343	8.6100e-003	2.0429	0.5395	7.9300e-003	0.5474		1,533.1986	1,533.1986	0.0342	0.0379	1,545.3381
Total	**0.5455**	**0.3399**	**4.7088**	**0.0152**	**2.0343**	**8.6100e-003**	**2.0429**	**0.5395**	**7.9300e-003**	**0.5474**		**1,533.1986**	**1,533.1986**	**0.0342**	**0.0379**	**1,545.3381**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	15.0521					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154		281.8319
Total	**15.0818**	**0.1288**	**1.8324**	**2.9700e-003**		**3.9600e-003**	**3.9600e-003**		**3.9600e-003**	**3.9600e-003**	**0.0000**	**281.4481**	**281.4481**	**0.0154**		**281.8319**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.5455	0.3399	4.7088	0.0152	2.0343	8.6100e-003	2.0429	0.5395	7.9300e-003	0.5474		1,533.1986	1,533.1986	0.0342	0.0379	1,545.3381
Total	**0.5455**	**0.3399**	**4.7088**	**0.0152**	**2.0343**	**8.6100e-003**	**2.0429**	**0.5395**	**7.9300e-003**	**0.5474**		**1,533.1986**	**1,533.1986**	**0.0342**	**0.0379**	**1,545.3381**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Condo/Townhouse	0.00	0.00	0.00		
Fast Food Restaurant with Drive Thru	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6

Condo/Townhouse	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Fast Food Restaurant with Drive	16.60	8.40	6.90	2.20	78.80	19.00	29	21	50
Single Family Housing	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.540541	0.056458	0.173793	0.136090	0.025268	0.007074	0.011525	0.018705	0.000610	0.000304	0.023606	0.001094	0.004932
Condo/Townhouse	0.540541	0.056458	0.173793	0.136090	0.025268	0.007074	0.011525	0.018705	0.000610	0.000304	0.023606	0.001094	0.004932
Fast Food Restaurant with Drive Thru	0.540541	0.056458	0.173793	0.136090	0.025268	0.007074	0.011525	0.018705	0.000610	0.000304	0.023606	0.001094	0.004932
Single Family Housing	0.540541	0.056458	0.173793	0.136090	0.025268	0.007074	0.011525	0.018705	0.000610	0.000304	0.023606	0.001094	0.004932

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant with Drive Thru	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant with Drive Thru	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.9037	0.3466	30.0895	1.5900e-003		0.1670	0.1670		0.1670	0.1670	0.0000	54.2325	54.2325	0.0520	0.0000	55.5313

Unmitigated	0.9037	0.3466	30.0895	1.5900e-003		0.1670	0.1670		0.1670	0.1670	0.0000	54.2325	54.2325	0.0520	0.0000	55.5313

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.9037	0.3466	30.0895	1.5900e-003		0.1670	0.1670		0.1670	0.1670		54.2325	54.2325	0.0520		55.5313
Total	**0.9037**	**0.3466**	**30.0895**	**1.5900e-003**		**0.1670**	**0.1670**		**0.1670**	**0.1670**	**0.0000**	**54.2325**	**54.2325**	**0.0520**	**0.0000**	**55.5313**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.9037	0.3466	30.0895	1.5900e-003		0.1670	0.1670		0.1670	0.1670		54.2325	54.2325	0.0520		55.5313
Total	**0.9037**	**0.3466**	**30.0895**	**1.5900e-003**		**0.1670**	**0.1670**		**0.1670**	**0.1670**	**0.0000**	**54.2325**	**54.2325**	**0.0520**	**0.0000**	**55.5313**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Trails at Corona 2025 - On-site Mobile

Riverside-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
City Park	40.00	Acre	40.00	1,742,400.00	0
Fast Food Restaurant with Drive Thru	10.00	1000sqft	0.23	10,000.00	0
Condo/Townhouse	116.00	Dwelling Unit	2.66	116,000.00	332
Single Family Housing	249.00	Dwelling Unit	61.11	448,200.00	712

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.4	**Precipitation Freq (Days)**	28
Climate Zone	10			**Operational Year**	2025
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Note 1

Construction Phase - On-Site Mobile Only

Trips and VMT - On-Site Mobile Only

Demolition -

Grading - Note 3

Architectural Coating -

Vehicle Trips - On-Site Mobile Only

Woodstoves - On-Site Mobile Only

Construction Off-road Equipment Mitigation - Note 8

Energy Mitigation - Note 9

Fleet Mix - Note 6

Off-road Equipment - On-Site Mobile Only

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	220.00	0.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	98.60	0.00
tblFireplaces	NumberGas	211.65	0.00
tblFireplaces	NumberNoFireplace	11.60	0.00
tblFireplaces	NumberNoFireplace	24.90	0.00
tblFireplaces	NumberWood	5.80	0.00
tblFireplaces	NumberWood	12.45	0.00
tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.00
tblFleetMix	LDA	0.54	0.55
tblFleetMix	LDA	0.54	0.55
tblFleetMix	LDT1	0.06	0.06
tblFleetMix	LDT1	0.06	0.06
tblFleetMix	LDT2	0.17	0.18
tblFleetMix	LDT2	0.17	0.18

tblFleetMix	LHD1	0.03	0.03
tblFleetMix	LHD1	0.03	0.03
tblFleetMix	LHD2	7.0740e-003	7.2090e-003
tblFleetMix	LHD2	7.0740e-003	7.2090e-003
tblFleetMix	MCY	0.02	0.02
tblFleetMix	MCY	0.02	0.02
tblFleetMix	MDV	0.14	0.14
tblFleetMix	MDV	0.14	0.14
tblFleetMix	MH	4.9320e-003	5.0260e-003
tblFleetMix	MH	4.9320e-003	5.0260e-003
tblFleetMix	MHD	0.01	0.01
tblFleetMix	MHD	0.01	0.01
tblFleetMix	OBUS	6.1000e-004	6.2200e-004
tblFleetMix	OBUS	6.1000e-004	6.2200e-004
tblFleetMix	SBUS	1.0940e-003	1.1150e-003
tblFleetMix	SBUS	1.0940e-003	1.1150e-003
tblFleetMix	UBUS	3.0400e-004	3.1000e-004
tblFleetMix	UBUS	3.0400e-004	3.1000e-004
tblLandUse	LotAcreage	7.25	2.66
tblLandUse	LotAcreage	80.84	61.11
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblTripsAndVMT	WorkerTripNumber	182.00	0.00
tblVehicleTrips	CC_TL	8.40	0.75
tblVehicleTrips	CNW_TL	6.90	0.75
tblVehicleTrips	CW_TL	16.60	0.75
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	21.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00

tblVehicleTrips	HO_TL	8.70	0.75
tblVehicleTrips	HO_TL	8.70	0.75
tblVehicleTrips	HS_TL	5.90	0.75
tblVehicleTrips	HS_TL	5.90	0.75
tblVehicleTrips	HW_TL	14.70	0.75
tblVehicleTrips	HW_TL	14.70	0.75
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	50.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	29.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	ST_TR	1.96	0.00
tblVehicleTrips	ST_TR	8.14	4.11
tblVehicleTrips	ST_TR	616.12	49.39
tblVehicleTrips	ST_TR	9.54	4.32
tblVehicleTrips	SU_TR	2.19	0.00
tblVehicleTrips	SU_TR	6.28	3.17
tblVehicleTrips	SU_TR	472.58	37.88
tblVehicleTrips	SU_TR	8.55	3.87
tblVehicleTrips	WD_TR	0.78	0.00
tblVehicleTrips	WD_TR	7.32	3.70
tblVehicleTrips	WD_TR	470.95	37.75
tblVehicleTrips	WD_TR	9.44	4.27
tblWoodstoves	NumberCatalytic	5.80	0.00
tblWoodstoves	NumberCatalytic	12.45	0.00
tblWoodstoves	NumberNoncatalytic	5.80	0.00
tblWoodstoves	NumberNoncatalytic	12.45	0.00

tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2025	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2025	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	13.3553	0.3466	30.0895	1.5900e-003		0.1670	0.1670		0.1670	0.1670	0.0000	54.2325	54.2325	0.0520	0.0000	55.5313
Energy	0.3610	3.1287	1.6349	0.0197		0.2494	0.2494		0.2494	0.2494		3,937.9999	3,937.9999	0.0755	0.0722	3,961.4014
Mobile	3.7553	1.5324	13.0046	0.0132	1.1779	0.0142	1.1921	0.3141	0.0132	0.3273		1,341.1104	1,341.1104	0.2342	0.1428	1,389.5089

Total	**17.4716**	**5.0077**	**44.7291**	**0.0345**	**1.1779**	**0.4306**	**1.6084**	**0.3141**	**0.4296**	**0.7436**	**0.0000**	**5,333.3428**	**5,333.3428**	**0.3617**	**0.2150**	**5,406.4417**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	13.3553	0.3466	30.0895	1.5900e-003		0.1670	0.1670		0.1670	0.1670	0.0000	54.2325	54.2325	0.0520	0.0000	55.5313
Energy	0.3610	3.1287	1.6349	0.0197		0.2494	0.2494		0.2494	0.2494		3,937.9999	3,937.9999	0.0755	0.0722	3,961.4014
Mobile	3.7553	1.5324	13.0046	0.0132	1.1779	0.0142	1.1921	0.3141	0.0132	0.3273		1,341.1104	1,341.1104	0.2342	0.1428	1,389.5089
Total	**17.4716**	**5.0077**	**44.7291**	**0.0345**	**1.1779**	**0.4306**	**1.6084**	**0.3141**	**0.4296**	**0.7436**	**0.0000**	**5,333.3428**	**5,333.3428**	**0.3617**	**0.2150**	**5,406.4417**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Architectural Coating - Phase 1	Architectural Coating	1/20/2025	1/19/2025	7	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 1,142,505; Residential Outdoor: 380,835; Non-Residential Indoor: 15,002; Non-Residential Outdoor: 5,001; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating - Phase 1	Air Compressors	0	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating - Phase 1	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Architectural Coating - Phase 1 - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	3.7553	1.5324	13.0046	0.0132	1.1779	0.0142	1.1921	0.3141	0.0132	0.3273		1,341.1104	1,341.1104	0.2342	0.1428	1,389.5089
Unmitigated	3.7553	1.5324	13.0046	0.0132	1.1779	0.0142	1.1921	0.3141	0.0132	0.3273		1,341.1104	1,341.1104	0.2342	0.1428	1,389.5089

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Condo/Townhouse	429.20	476.76	367.72	116,629	116,629
Fast Food Restaurant with Drive Thru	377.50	493.90	378.80	107,648	107,648
Single Family Housing	1,063.23	1,075.68	963.63	286,863	286,863
Total	1,869.93	2,046.34	1,710.15	511,139	511,139

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6

Condo/Townhouse	0.75	0.75	0.75	40.20	19.20	40.60	100	0	0
Fast Food Restaurant with Drive	0.75	0.75	0.75	2.20	78.80	19.00	100	0	0
Single Family Housing	0.75	0.75	0.75	40.20	19.20	40.60	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.540541	0.056458	0.173793	0.136090	0.025268	0.007074	0.011525	0.018705	0.000610	0.000304	0.023606	0.001094	0.004932
Condo/Townhouse	0.550845	0.057534	0.177106	0.138684	0.025750	0.007209	0.011745	0.000000	0.000622	0.000310	0.024056	0.001115	0.005026
Fast Food Restaurant with Drive Thru	0.540541	0.056458	0.173793	0.136090	0.025268	0.007074	0.011525	0.018705	0.000610	0.000304	0.023606	0.001094	0.004932
Single Family Housing	0.550845	0.057534	0.177106	0.138684	0.025750	0.007209	0.011745	0.000000	0.000622	0.000310	0.024056	0.001115	0.005026

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Kilowatt Hours of Renewable Electricity Generated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.3610	3.1287	1.6349	0.0197		0.2494	0.2494		0.2494	0.2494		3,937.9999	3,937.9999	0.0755	0.0722	3,961.4014
NaturalGas Unmitigated	0.3610	3.1287	1.6349	0.0197		0.2494	0.2494		0.2494	0.2494		3,937.9999	3,937.9999	0.0755	0.0722	3,961.4014

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	6705.74	0.0723	0.6180	0.2630	3.9400e-003		0.0500	0.0500		0.0500	0.0500		788.9111	788.9111	0.0151	0.0145	793.5992
Fast Food Restaurant with Drive Thru	7470.14	0.0806	0.7324	0.6152	4.3900e-003		0.0557	0.0557		0.0557	0.0557		878.8397	878.8397	0.0168	0.0161	884.0622
Single Family Housing	19297.1	0.2081	1.7784	0.7568	0.0114		0.1438	0.1438		0.1438	0.1438		2,270.2492	2,270.2492	0.0435	0.0416	2,283.7401
Total		**0.3610**	**3.1287**	**1.6349**	**0.0197**		**0.2494**	**0.2494**		**0.2494**	**0.2494**		**3,937.9999**	**3,937.9999**	**0.0755**	**0.0722**	**3,961.4014**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	6.70574	0.0723	0.6180	0.2630	3.9400e-003		0.0500	0.0500		0.0500	0.0500		788.9111	788.9111	0.0151	0.0145	793.5992
Fast Food Restaurant with Drive Thru	7.47014	0.0806	0.7324	0.6152	4.3900e-003		0.0557	0.0557		0.0557	0.0557		878.8397	878.8397	0.0168	0.0161	884.0622
Single Family Housing	19.2971	0.2081	1.7784	0.7568	0.0114		0.1438	0.1438		0.1438	0.1438		2,270.2492	2,270.2492	0.0435	0.0416	2,283.7401
Total		**0.3610**	**3.1287**	**1.6349**	**0.0197**		**0.2494**	**0.2494**		**0.2494**	**0.2494**		**3,937.9999**	**3,937.9999**	**0.0755**	**0.0722**	**3,961.4014**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	13.3553	0.3466	30.0895	1.5900e-003		0.1670	0.1670		0.1670	0.1670	0.0000	54.2325	54.2325	0.0520	0.0000	55.5313

Unmitigated	13.3553	0.3466	30.0895	1.5900e-003		0.1670	0.1670		0.1670	0.1670	0.0000	54.2325	54.2325	0.0520	0.0000	55.5313

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.9926					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	11.4590					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.9037	0.3466	30.0895	1.5900e-003		0.1670	0.1670		0.1670	0.1670		54.2325	54.2325	0.0520		55.5313
Total	**13.3553**	**0.3466**	**30.0895**	**1.5900e-003**		**0.1670**	**0.1670**		**0.1670**	**0.1670**	**0.0000**	**54.2325**	**54.2325**	**0.0520**	**0.0000**	**55.5313**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.9926					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	11.4590					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.9037	0.3466	30.0895	1.5900e-003		0.1670	0.1670		0.1670	0.1670		54.2325	54.2325	0.0520		55.5313
Total	**13.3553**	**0.3466**	**30.0895**	**1.5900e-003**		**0.1670**	**0.1670**		**0.1670**	**0.1670**	**0.0000**	**54.2325**	**54.2325**	**0.0520**	**0.0000**	**55.5313**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Trails at Corona 2025 - On-site Mobile

Riverside-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
City Park	40.00	Acre	40.00	1,742,400.00	0
Fast Food Restaurant with Drive Thru	10.00	1000sqft	0.23	10,000.00	0
Condo/Townhouse	116.00	Dwelling Unit	2.66	116,000.00	332
Single Family Housing	249.00	Dwelling Unit	61.11	448,200.00	712

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.4	**Precipitation Freq (Days)**	28
Climate Zone	10			**Operational Year**	2025
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Note 1

Construction Phase - On-Site Mobile Only

Trips and VMT - On-Site Mobile Only

Demolition -

Grading - Note 3

Architectural Coating -

Vehicle Trips - On-Site Mobile Only

Woodstoves - On-Site Mobile Only

Construction Off-road Equipment Mitigation - Note 8

Energy Mitigation - Note 9

Fleet Mix - Note 6

Off-road Equipment - On-Site Mobile Only

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	220.00	0.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	98.60	0.00
tblFireplaces	NumberGas	211.65	0.00
tblFireplaces	NumberNoFireplace	11.60	0.00
tblFireplaces	NumberNoFireplace	24.90	0.00
tblFireplaces	NumberWood	5.80	0.00
tblFireplaces	NumberWood	12.45	0.00
tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.00
tblFleetMix	LDA	0.54	0.55
tblFleetMix	LDA	0.54	0.55
tblFleetMix	LDT1	0.06	0.06
tblFleetMix	LDT1	0.06	0.06
tblFleetMix	LDT2	0.17	0.18
tblFleetMix	LDT2	0.17	0.18

tblFleetMix	LHD1	0.03	0.03
tblFleetMix	LHD1	0.03	0.03
tblFleetMix	LHD2	7.0740e-003	7.2090e-003
tblFleetMix	LHD2	7.0740e-003	7.2090e-003
tblFleetMix	MCY	0.02	0.02
tblFleetMix	MCY	0.02	0.02
tblFleetMix	MDV	0.14	0.14
tblFleetMix	MDV	0.14	0.14
tblFleetMix	MH	4.9320e-003	5.0260e-003
tblFleetMix	MH	4.9320e-003	5.0260e-003
tblFleetMix	MHD	0.01	0.01
tblFleetMix	MHD	0.01	0.01
tblFleetMix	OBUS	6.1000e-004	6.2200e-004
tblFleetMix	OBUS	6.1000e-004	6.2200e-004
tblFleetMix	SBUS	1.0940e-003	1.1150e-003
tblFleetMix	SBUS	1.0940e-003	1.1150e-003
tblFleetMix	UBUS	3.0400e-004	3.1000e-004
tblFleetMix	UBUS	3.0400e-004	3.1000e-004
tblLandUse	LotAcreage	7.25	2.66
tblLandUse	LotAcreage	80.84	61.11
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblTripsAndVMT	WorkerTripNumber	182.00	0.00
tblVehicleTrips	CC_TL	8.40	0.75
tblVehicleTrips	CNW_TL	6.90	0.75
tblVehicleTrips	CW_TL	16.60	0.75
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	21.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00

tblVehicleTrips	HO_TL	8.70	0.75
tblVehicleTrips	HO_TL	8.70	0.75
tblVehicleTrips	HS_TL	5.90	0.75
tblVehicleTrips	HS_TL	5.90	0.75
tblVehicleTrips	HW_TL	14.70	0.75
tblVehicleTrips	HW_TL	14.70	0.75
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	50.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	29.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	ST_TR	1.96	0.00
tblVehicleTrips	ST_TR	8.14	4.11
tblVehicleTrips	ST_TR	616.12	49.39
tblVehicleTrips	ST_TR	9.54	4.32
tblVehicleTrips	SU_TR	2.19	0.00
tblVehicleTrips	SU_TR	6.28	3.17
tblVehicleTrips	SU_TR	472.58	37.88
tblVehicleTrips	SU_TR	8.55	3.87
tblVehicleTrips	WD_TR	0.78	0.00
tblVehicleTrips	WD_TR	7.32	3.70
tblVehicleTrips	WD_TR	470.95	37.75
tblVehicleTrips	WD_TR	9.44	4.27
tblWoodstoves	NumberCatalytic	5.80	0.00
tblWoodstoves	NumberCatalytic	12.45	0.00
tblWoodstoves	NumberNoncatalytic	5.80	0.00
tblWoodstoves	NumberNoncatalytic	12.45	0.00

tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2025	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2025	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	13.3553	0.3466	30.0895	1.5900e-003		0.1670	0.1670		0.1670	0.1670	0.0000	54.2325	54.2325	0.0520	0.0000	55.5313
Energy	0.3610	3.1287	1.6349	0.0197		0.2494	0.2494		0.2494	0.2494		3,937.9999	3,937.9999	0.0755	0.0722	3,961.4014
Mobile	2.8829	1.6081	13.6216	0.0124	1.1779	0.0143	1.1921	0.3141	0.0132	0.3273		1,261.7924	1,261.7924	0.2633	0.1468	1,312.1156

Total	**16.5992**	**5.0833**	**45.3460**	**0.0337**	**1.1779**	**0.4306**	**1.6085**	**0.3141**	**0.4296**	**0.7437**	**0.0000**	**5,254.0248**	**5,254.0248**	**0.3907**	**0.2190**	**5,329.0484**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	13.3553	0.3466	30.0895	1.5900e-003		0.1670	0.1670		0.1670	0.1670	0.0000	54.2325	54.2325	0.0520	0.0000	55.5313
Energy	0.3610	3.1287	1.6349	0.0197		0.2494	0.2494		0.2494	0.2494		3,937.9999	3,937.9999	0.0755	0.0722	3,961.4014
Mobile	2.8829	1.6081	13.6216	0.0124	1.1779	0.0143	1.1921	0.3141	0.0132	0.3273		1,261.7924	1,261.7924	0.2633	0.1468	1,312.1156
Total	**16.5992**	**5.0833**	**45.3460**	**0.0337**	**1.1779**	**0.4306**	**1.6085**	**0.3141**	**0.4296**	**0.7437**	**0.0000**	**5,254.0248**	**5,254.0248**	**0.3907**	**0.2190**	**5,329.0484**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Architectural Coating - Phase 1	Architectural Coating	1/20/2025	1/19/2025	7	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 1,142,505; Residential Outdoor: 380,835; Non-Residential Indoor: 15,002; Non-Residential Outdoor: 5,001; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating - Phase 1	Air Compressors	0	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating - Phase 1	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Architectural Coating - Phase 1 - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2.8829	1.6081	13.6216	0.0124	1.1779	0.0143	1.1921	0.3141	0.0132	0.3273		1,261.7924	1,261.7924	0.2633	0.1468	1,312.1156
Unmitigated	2.8829	1.6081	13.6216	0.0124	1.1779	0.0143	1.1921	0.3141	0.0132	0.3273		1,261.7924	1,261.7924	0.2633	0.1468	1,312.1156

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Condo/Townhouse	429.20	476.76	367.72	116,629	116,629
Fast Food Restaurant with Drive Thru	377.50	493.90	378.80	107,648	107,648
Single Family Housing	1,063.23	1,075.68	963.63	286,863	286,863
Total	1,869.93	2,046.34	1,710.15	511,139	511,139

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6

Condo/Townhouse	0.75	0.75	0.75	40.20	19.20	40.60	100	0	0
Fast Food Restaurant with Drive	0.75	0.75	0.75	2.20	78.80	19.00	100	0	0
Single Family Housing	0.75	0.75	0.75	40.20	19.20	40.60	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.540541	0.056458	0.173793	0.136090	0.025268	0.007074	0.011525	0.018705	0.000610	0.000304	0.023606	0.001094	0.004932
Condo/Townhouse	0.550845	0.057534	0.177106	0.138684	0.025750	0.007209	0.011745	0.000000	0.000622	0.000310	0.024056	0.001115	0.005026
Fast Food Restaurant with Drive Thru	0.540541	0.056458	0.173793	0.136090	0.025268	0.007074	0.011525	0.018705	0.000610	0.000304	0.023606	0.001094	0.004932
Single Family Housing	0.550845	0.057534	0.177106	0.138684	0.025750	0.007209	0.011745	0.000000	0.000622	0.000310	0.024056	0.001115	0.005026

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Kilowatt Hours of Renewable Electricity Generated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.3610	3.1287	1.6349	0.0197		0.2494	0.2494		0.2494	0.2494		3,937.9999	3,937.9999	0.0755	0.0722	3,961.4014
NaturalGas Unmitigated	0.3610	3.1287	1.6349	0.0197		0.2494	0.2494		0.2494	0.2494		3,937.9999	3,937.9999	0.0755	0.0722	3,961.4014

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	6705.74	0.0723	0.6180	0.2630	3.9400e-003		0.0500	0.0500		0.0500	0.0500		788.9111	788.9111	0.0151	0.0145	793.5992
Fast Food Restaurant with Drive Thru	7470.14	0.0806	0.7324	0.6152	4.3900e-003		0.0557	0.0557		0.0557	0.0557		878.8397	878.8397	0.0168	0.0161	884.0622
Single Family Housing	19297.1	0.2081	1.7784	0.7568	0.0114		0.1438	0.1438		0.1438	0.1438		2,270.2492	2,270.2492	0.0435	0.0416	2,283.7401
Total		**0.3610**	**3.1287**	**1.6349**	**0.0197**		**0.2494**	**0.2494**		**0.2494**	**0.2494**		**3,937.9999**	**3,937.9999**	**0.0755**	**0.0722**	**3,961.4014**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	6.70574	0.0723	0.6180	0.2630	3.9400e-003		0.0500	0.0500		0.0500	0.0500		788.9111	788.9111	0.0151	0.0145	793.5992
Fast Food Restaurant with Drive Thru	7.47014	0.0806	0.7324	0.6152	4.3900e-003		0.0557	0.0557		0.0557	0.0557		878.8397	878.8397	0.0168	0.0161	884.0622
Single Family Housing	19.2971	0.2081	1.7784	0.7568	0.0114		0.1438	0.1438		0.1438	0.1438		2,270.2492	2,270.2492	0.0435	0.0416	2,283.7401
Total		**0.3610**	**3.1287**	**1.6349**	**0.0197**		**0.2494**	**0.2494**		**0.2494**	**0.2494**		**3,937.9999**	**3,937.9999**	**0.0755**	**0.0722**	**3,961.4014**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	13.3553	0.3466	30.0895	1.5900e-003		0.1670	0.1670		0.1670	0.1670	0.0000	54.2325	54.2325	0.0520	0.0000	55.5313

Unmitigated	13.3553	0.3466	30.0895	1.5900e-003		0.1670	0.1670		0.1670	0.1670	0.0000	54.2325	54.2325	0.0520	0.0000	55.5313

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.9926					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	11.4590					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.9037	0.3466	30.0895	1.5900e-003		0.1670	0.1670		0.1670	0.1670		54.2325	54.2325	0.0520		55.5313
Total	**13.3553**	**0.3466**	**30.0895**	**1.5900e-003**		**0.1670**	**0.1670**		**0.1670**	**0.1670**	**0.0000**	**54.2325**	**54.2325**	**0.0520**	**0.0000**	**55.5313**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.9926					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	11.4590					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.9037	0.3466	30.0895	1.5900e-003		0.1670	0.1670		0.1670	0.1670		54.2325	54.2325	0.0520		55.5313
Total	**13.3553**	**0.3466**	**30.0895**	**1.5900e-003**		**0.1670**	**0.1670**		**0.1670**	**0.1670**	**0.0000**	**54.2325**	**54.2325**	**0.0520**	**0.0000**	**55.5313**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Trails at Corona 2035

Riverside-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
City Park	40.00	Acre	40.00	1,742,400.00	0
Fast Food Restaurant with Drive Thru	10.00	1000sqft	0.23	10,000.00	0
Condo/Townhouse	116.00	Dwelling Unit	2.66	116,000.00	332
Single Family Housing	249.00	Dwelling Unit	61.11	448,200.00	712

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.4	**Precipitation Freq (Days)**	28
Climate Zone	10			**Operational Year**	2035
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Note 1

Construction Phase - 2035 Operations Only

Trips and VMT - 2035 Operations Only

Demolition -

Grading -

Architectural Coating - 2035 Operations Only

Vehicle Trips - Note 6

Woodstoves - Note 7

Construction Off-road Equipment Mitigation -

Energy Mitigation - Note 9

Fleet Mix - Note 6

Off-road Equipment - 2035 Operations Only

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	5,001.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	15,002.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	380,835.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,142,505.00	0.00
tblConstructionPhase	NumDays	220.00	0.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberWood	5.80	0.00
tblFireplaces	NumberWood	12.45	0.00
tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.00
tblFleetMix	LDA	0.55	0.56
tblFleetMix	LDA	0.55	0.56
tblFleetMix	LDT1	0.06	0.06
tblFleetMix	LDT1	0.06	0.06
tblFleetMix	LDT2	0.18	0.18
tblFleetMix	LDT2	0.18	0.18
tblFleetMix	LHD1	0.02	0.02
tblFleetMix	LHD1	0.02	0.02
tblFleetMix	LHD2	6.3430e-003	6.4500e-003
tblFleetMix	LHD2	6.3430e-003	6.4500e-003
tblFleetMix	MCY	0.02	0.02

tblFleetMix	MCY	0.02	0.02
tblFleetMix	MDV	0.13	0.13
tblFleetMix	MDV	0.13	0.13
tblFleetMix	MH	3.2800e-003	3.3353e-003
tblFleetMix	MH	3.2800e-003	3.3353e-003
tblFleetMix	MHD	0.01	0.01
tblFleetMix	MHD	0.01	0.01
tblFleetMix	OBUS	5.8500e-004	5.9486e-004
tblFleetMix	OBUS	5.8500e-004	5.9486e-004
tblFleetMix	SBUS	1.0290e-003	1.0464e-003
tblFleetMix	SBUS	1.0290e-003	1.0464e-003
tblFleetMix	UBUS	2.6100e-004	2.6540e-004
tblFleetMix	UBUS	2.6100e-004	2.6540e-004
tblLandUse	LotAcreage	7.25	2.66
tblLandUse	LotAcreage	80.84	61.11
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblTripsAndVMT	WorkerTripNumber	182.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	21.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	50.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	29.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	ST_TR	1.96	0.00
tblVehicleTrips	ST_TR	8.14	4.11

tblVehicleTrips	ST_TR	616.12	49.39
tblVehicleTrips	ST_TR	9.54	4.32
tblVehicleTrips	SU_TR	2.19	0.00
tblVehicleTrips	SU_TR	6.28	3.17
tblVehicleTrips	SU_TR	472.58	37.88
tblVehicleTrips	SU_TR	8.55	3.87
tblVehicleTrips	WD_TR	0.78	0.00
tblVehicleTrips	WD_TR	7.32	3.70
tblVehicleTrips	WD_TR	470.95	37.75
tblVehicleTrips	WD_TR	9.44	4.27
tblWoodstoves	NumberCatalytic	5.80	0.00
tblWoodstoves	NumberCatalytic	12.45	0.00
tblWoodstoves	NumberNoncatalytic	5.80	0.00
tblWoodstoves	NumberNoncatalytic	12.45	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					

2025	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2025	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)

		Highest		

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	2.3922	0.1076	3.7789	6.1000e-004		0.0261	0.0261		0.0261	0.0261	0.0000	80.6524	80.6524	7.2800e-003	1.3700e-003	81.2416
Energy	0.0659	0.5710	0.2984	3.5900e-003		0.0455	0.0455		0.0455	0.0455	0.0000	1,187.8751	1,187.8751	0.0577	0.0174	1,194.5141
Mobile	0.6782	0.6837	7.4104	0.0180	2.5926	9.2600e-003	2.6019	0.6917	8.6400e-003	0.7004	0.0000	1,658.9206	1,658.9206	0.0815	0.0656	1,680.4990
Waste						0.0000	0.0000		0.0000	0.0000	94.1695	0.0000	94.1695	5.5653	0.0000	233.3010
Water						0.0000	0.0000		0.0000	0.0000	8.5077	185.7503	194.2580	0.8895	0.0225	223.2102
Total	**3.1363**	**1.3623**	**11.4877**	**0.0222**	**2.5926**	**0.0809**	**2.6735**	**0.6917**	**0.0802**	**0.7720**	**102.6772**	**3,113.1984**	**3,215.8756**	**6.6012**	**0.1069**	**3,412.7659**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	2.3922	0.1076	3.7789	6.1000e-004		0.0261	0.0261		0.0261	0.0261	0.0000	80.6524	80.6524	7.2800e-003	1.3700e-003	81.2416
Energy	0.0659	0.5710	0.2984	3.5900e-003		0.0455	0.0455		0.0455	0.0455	0.0000	1,051.9397	1,051.9397	0.0463	0.0160	1,057.8775
Mobile	0.6782	0.6837	7.4104	0.0180	2.5926	9.2600e-003	2.6019	0.6917	8.6400e-003	0.7004	0.0000	1,658.9206	1,658.9206	0.0815	0.0656	1,680.4990
Waste						0.0000	0.0000		0.0000	0.0000	94.1695	0.0000	94.1695	5.5653	0.0000	233.3010
Water						0.0000	0.0000		0.0000	0.0000	8.5077	185.7503	194.2580	0.8895	0.0225	223.2102
Total	**3.1363**	**1.3623**	**11.4877**	**0.0222**	**2.5926**	**0.0809**	**2.6735**	**0.6917**	**0.0802**	**0.7720**	**102.6772**	**2,977.2630**	**3,079.9402**	**6.5898**	**0.1055**	**3,276.1293**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**4.37**	**4.23**	**0.17**	**1.31**	**4.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Architectural Coating - Phase 1	Architectural Coating	1/20/2025	1/19/2025	7	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating - Phase 1	Air Compressors	0	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating - Phase 1	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Architectural Coating - Phase 1 - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.6782	0.6837	7.4104	0.0180	2.5926	9.2600e-003	2.6019	0.6917	8.6400e-003	0.7004	0.0000	1,658.9206	1,658.9206	0.0815	0.0656	1,680.4990
Unmitigated	0.6782	0.6837	7.4104	0.0180	2.5926	9.2600e-003	2.6019	0.6917	8.6400e-003	0.7004	0.0000	1,658.9206	1,658.9206	0.0815	0.0656	1,680.4990

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Condo/Townhouse	429.20	476.76	367.72	1,644,372	1,644,372
Fast Food Restaurant with Drive Thru	377.50	493.90	378.80	1,190,642	1,190,642
Single Family Housing	1,063.23	1,075.68	963.63	4,044,538	4,044,538
Total	1,869.93	2,046.34	1,710.15	6,879,552	6,879,552

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6

Condo/Townhouse	14.70	5.90	8.70	40.20	19.20	40.60	100	0	0
Fast Food Restaurant with Drive	16.60	8.40	6.90	2.20	78.80	19.00	100	0	0
Single Family Housing	14.70	5.90	8.70	40.20	19.20	40.60	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.553298	0.058927	0.179412	0.125114	0.021869	0.006343	0.011180	0.016581	0.000585	0.000261	0.022120	0.001029	0.003280
Condo/Townhouse	0.562627	0.059921	0.182437	0.127224	0.022238	0.006450	0.011369	0.000000	0.000595	0.000265	0.022493	0.001046	0.003335
Fast Food Restaurant with Drive Thru	0.553298	0.058927	0.179412	0.125114	0.021869	0.006343	0.011180	0.016581	0.000585	0.000261	0.022120	0.001029	0.003280
Single Family Housing	0.562627	0.059921	0.182437	0.127224	0.022238	0.006450	0.011369	0.000000	0.000595	0.000265	0.022493	0.001046	0.003335

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Kilowatt Hours of Renewable Electricity Generated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	399.9597	399.9597	0.0338	4.0900e-003	402.0230
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	535.8951	535.8951	0.0452	5.4800e-003	538.6597
NaturalGas Mitigated	0.0659	0.5710	0.2984	3.5900e-003		0.0455	0.0455		0.0455	0.0455	0.0000	651.9800	651.9800	0.0125	0.0120	655.8544
NaturalGas Unmitigated	0.0659	0.5710	0.2984	3.5900e-003		0.0455	0.0455		0.0455	0.0455	0.0000	651.9800	651.9800	0.0125	0.0120	655.8544

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	2.4476e+006	0.0132	0.1128	0.0480	7.2000e-004		9.1200e-003	9.1200e-003		9.1200e-003	9.1200e-003	0.0000	130.6131	130.6131	2.5000e-003	2.3900e-003	131.3892
Fast Food Restaurant with Drive Thru	2.7266e+006	0.0147	0.1337	0.1123	8.0000e-004		0.0102	0.0102		0.0102	0.0102	0.0000	145.5018	145.5018	2.7900e-003	2.6700e-003	146.3664
Single Family Housing	7.04345e+006	0.0380	0.3246	0.1381	2.0700e-003		0.0262	0.0262		0.0262	0.0262	0.0000	375.8652	375.8652	7.2000e-003	6.8900e-003	378.0988
Total		**0.0659**	**0.5710**	**0.2984**	**3.5900e-003**		**0.0455**	**0.0455**		**0.0455**	**0.0455**	**0.0000**	**651.9800**	**651.9800**	**0.0125**	**0.0120**	**655.8544**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	2.4476e+006	0.0132	0.1128	0.0480	7.2000e-004		9.1200e-003	9.1200e-003		9.1200e-003	9.1200e-003	0.0000	130.6131	130.6131	2.5000e-003	2.3900e-003	131.3892
Fast Food Restaurant with Drive Thru	2.7266e+006	0.0147	0.1337	0.1123	8.0000e-004		0.0102	0.0102		0.0102	0.0102	0.0000	145.5018	145.5018	2.7900e-003	2.6700e-003	146.3664
Single Family Housing	7.04345e+006	0.0380	0.3246	0.1381	2.0700e-003		0.0262	0.0262		0.0262	0.0262	0.0000	375.8652	375.8652	7.2000e-003	6.8900e-003	378.0988
Total		**0.0659**	**0.5710**	**0.2984**	**3.5900e-003**		**0.0455**	**0.0455**		**0.0455**	**0.0455**	**0.0000**	**651.9800**	**651.9800**	**0.0125**	**0.0120**	**655.8544**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use		Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	tons/yr	MT/yr			
City Park	0		0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	576956		102.3206	8.6400e-003	1.0500e-003	102.8485
Fast Food Restaurant with Drive Thru	461600		81.8627	6.9100e-003	8.4000e-004	82.2850
Single Family Housing	1.9832e+006		351.7117	0.0297	3.6000e-003	353.5262
Total			**535.8950**	**0.0452**	**5.4900e-003**	**538.6597**

Mitigated

	Electricity Use		Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	tons/yr	MT/yr			
City Park	-191625		-33.9838	-0.0029	-0.0004	-34.1592
Condo/Townhouse	385331		68.3368	5.7700e-003	7.0000e-004	68.6893
Fast Food Restaurant with Drive Thru	269975		47.8789	4.0400e-003	4.9000e-004	48.1259
Single Family Housing	1.79158e+006		317.7279	0.0268	3.2500e-003	319.3670
Total			**399.9597**	**0.0338**	**4.0900e-003**	**402.0230**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	2.3922	0.1076	3.7789	6.1000e-004		0.0261	0.0261		0.0261	0.0261	0.0000	80.6524	80.6524	7.2800e-003	1.3700e-003	81.2416

Unmitigated	2.3922	0.1076	3.7789	6.1000e-004		0.0261	0.0261		0.0261	0.0261	0.0000	80.6524	80.6524	7.2800e-003	1.3700e-003	81.2416

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1812					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.0913					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	7.5300e-003	0.0643	0.0274	4.1000e-004		5.2000e-003	5.2000e-003		5.2000e-003	5.2000e-003	0.0000	74.5026	74.5026	1.4300e-003	1.3700e-003	74.9453
Landscaping	0.1122	0.0433	3.7515	2.0000e-004		0.0209	0.0209		0.0209	0.0209	0.0000	6.1499	6.1499	5.8600e-003	0.0000	6.2963
Total	**2.3922**	**0.1076**	**3.7789**	**6.1000e-004**		**0.0261**	**0.0261**		**0.0261**	**0.0261**	**0.0000**	**80.6524**	**80.6524**	**7.2900e-003**	**1.3700e-003**	**81.2416**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1812					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.0913					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	7.5300e-003	0.0643	0.0274	4.1000e-004		5.2000e-003	5.2000e-003		5.2000e-003	5.2000e-003	0.0000	74.5026	74.5026	1.4300e-003	1.3700e-003	74.9453
Landscaping	0.1122	0.0433	3.7515	2.0000e-004		0.0209	0.0209		0.0209	0.0209	0.0000	6.1499	6.1499	5.8600e-003	0.0000	6.2963
Total	**2.3922**	**0.1076**	**3.7789**	**6.1000e-004**		**0.0261**	**0.0261**		**0.0261**	**0.0261**	**0.0000**	**80.6524**	**80.6524**	**7.2900e-003**	**1.3700e-003**	**81.2416**

7.0 Water Detail

7.1 Mitigation Measures Water

		Total CO2	CH4	N2O	CO2e
Category	tons/yr	MT/yr			
Mitigated		194.2580	0.8895	0.0225	223.2102

Unmitigated		194.2580	0.8895	0.0225	223.2102

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use		Total CO2	CH4	N2O	CO2e
Land Use	Mgal	tons/yr	MT/yr			
City Park	0 / 47.6593		93.9035	7.9300e-003	9.6000e-004	94.3879
Condo/Townhouse	7.55787 / 4.76474		29.2385	0.2485	6.0900e-003	37.2667
Fast Food Restaurant with Drive Thru	3.03534 / 0.193745		8.3540	0.0995	2.4100e-003	11.5607
Single Family Housing	16.2234 / 10.2278		62.7620	0.5335	0.0131	79.9949
Total			**194.2580**	**0.8895**	**0.0225**	**223.2102**

Mitigated

	Indoor/Outdoor Use		Total CO2	CH4	N2O	CO2e
Land Use	Mgal	tons/yr	MT/yr			
City Park	0 / 47.6593		93.9035	7.9300e-003	9.6000e-004	94.3879
Condo/Townhouse	7.55787 / 4.76474		29.2385	0.2485	6.0900e-003	37.2667
Fast Food Restaurant with Drive Thru	3.03534 / 0.193745		8.3540	0.0995	2.4100e-003	11.5607
Single Family Housing	16.2234 / 10.2278		62.7620	0.5335	0.0131	79.9949
Total			**194.2580**	**0.8895**	**0.0225**	**223.2102**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

		Total CO2	CH4	N2O	CO2e
	tons/yr	MT/yr			
Mitigated		94.1695	5.5653	0.0000	233.3010

Unmitigated		94.1695	5.5653	0.0000	233.3010

8.2 Waste by Land Use

Unmitigated

	Waste Disposed		Total CO2	CH4	N2O	CO2e
Land Use	tons	tons/yr	MT/yr			
City Park	3.44		0.6983	0.0413	0.0000	1.7300
Condo/Townhouse	53.36		10.8316	0.6401	0.0000	26.8348
Fast Food Restaurant with Drive Thru	115.19		23.3825	1.3819	0.0000	57.9292
Single Family Housing	291.92		59.2571	3.5020	0.0000	146.8070
Total			**94.1695**	**5.5653**	**0.0000**	**233.3011**

Mitigated

	Waste Disposed		Total CO2	CH4	N2O	CO2e
Land Use	tons	tons/yr	MT/yr			
City Park	3.44		0.6983	0.0413	0.0000	1.7300
Condo/Townhouse	53.36		10.8316	0.6401	0.0000	26.8348
Fast Food Restaurant with Drive Thru	115.19		23.3825	1.3819	0.0000	57.9292
Single Family Housing	291.92		59.2571	3.5020	0.0000	146.8070
Total			**94.1695**	**5.5653**	**0.0000**	**233.3011**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

		2019-2024 (infant-child)			2022-2024 (infant-child)		
		Phase I	Phase II	Total	Phase I	Phase II	Total
X	Y	Cancer Risk	Cancer Risk	Cancer Risk	Cancer Risk	Cancer Risk	Cancer Risk
(m)	(m)	(/million)	(/million)	(/million)	(/million)	(/million)	(/million)
443543.6	3748016.2	0.06	0.00	0.06	0.04	0.00	0.04
443581.4	3748016.2	0.06	0.01	0.06	0.04	0.01	0.05
443619.1	3748016.2	0.06	0.01	0.07	0.05	0.01	0.06
443656.9	3748016.2	0.07	0.01	0.08	0.06	0.01	0.07
443694.7	3748016.2	0.08	0.01	0.09	0.08	0.01	0.08
443732.4	3748016.2	0.10	0.01	0.11	0.12	0.01	0.13
443543.6	3748046.66	0.06	0.00	0.06	0.04	0.00	0.04
443581.4	3748046.66	0.06	0.01	0.07	0.04	0.01	0.05
443619.1	3748046.66	0.07	0.01	0.07	0.05	0.01	0.05
443656.9	3748046.66	0.07	0.01	0.08	0.06	0.01	0.06
443694.7	3748046.66	0.08	0.01	0.09	0.07	0.01	0.07
443732.4	3748046.66	0.09	0.01	0.10	0.09	0.01	0.10
443543.6	3748077.12	0.06	0.01	0.07	0.04	0.01	0.05
443581.4	3748077.12	0.06	0.01	0.07	0.04	0.01	0.05
443619.1	3748077.12	0.07	0.01	0.07	0.05	0.01	0.05
443656.9	3748077.12	0.07	0.01	0.08	0.05	0.01	0.06
443694.7	3748077.12	0.08	0.01	0.09	0.06	0.01	0.07
443732.4	3748077.12	0.09	0.01	0.10	0.07	0.01	0.08
443543.6	3748107.58	0.07	0.01	0.07	0.04	0.01	0.05
443581.4	3748107.58	0.07	0.01	0.07	0.05	0.01	0.05
443619.1	3748107.58	0.07	0.01	0.08	0.05	0.01	0.06
443656.9	3748107.58	0.08	0.01	0.08	0.05	0.01	0.06
443694.7	3748107.58	0.09	0.01	0.09	0.06	0.01	0.07
443732.4	3748107.58	0.09	0.01	0.10	0.07	0.01	0.08
443543.6	3748138.04	0.07	0.01	0.08	0.05	0.01	0.05
443581.4	3748138.04	0.07	0.01	0.08	0.05	0.01	0.05
443619.1	3748138.04	0.08	0.01	0.08	0.05	0.01	0.06
443656.9	3748138.04	0.08	0.01	0.09	0.06	0.01	0.06
443694.7	3748138.04	0.09	0.01	0.10	0.06	0.01	0.07
443732.4	3748138.04	0.10	0.01	0.11	0.07	0.01	0.08
443543.6	3748168.5	0.08	0.01	0.08	0.05	0.01	0.05
443581.4	3748168.5	0.08	0.01	0.09	0.05	0.01	0.06
443619.1	3748168.5	0.09	0.01	0.09	0.05	0.01	0.06
443656.9	3748168.5	0.09	0.01	0.10	0.06	0.01	0.07
443694.7	3748168.5	0.10	0.01	0.11	0.07	0.01	0.08
443732.4	3748168.5	0.11	0.01	0.12	0.08	0.01	0.08
444173	3747085.77	0.04	0.00	0.04	0.03	0.00	0.03
444273	3747085.77	0.04	0.00	0.04	0.02	0.00	0.02
444373	3747085.77	0.03	0.00	0.03	0.02	0.00	0.02
444473	3747085.77	0.03	0.00	0.03	0.02	0.00	0.02
444573	3747085.77	0.02	0.00	0.03	0.01	0.00	0.02
444673	3747085.77	0.02	0.00	0.02	0.01	0.00	0.01
444773	3747085.77	0.02	0.00	0.02	0.01	0.00	0.01
444873	3747085.77	0.02	0.00	0.02	0.01	0.00	0.01
444973	3747085.77	0.02	0.00	0.02	0.01	0.00	0.01
445073	3747085.77	0.02	0.00	0.02	0.01	0.00	0.01
445173	3747085.77	0.01	0.00	0.01	0.01	0.00	0.01
445273	3747085.77	0.01	0.00	0.01	0.01	0.00	0.01
445373	3747085.77	0.01	0.00	0.01	0.01	0.00	0.01
445473	3747085.77	0.01	0.00	0.01	0.01	0.00	0.01
445573	3747085.77	0.01	0.00	0.01	0.01	0.00	0.01
444173	3747185.77	0.07	0.00	0.07	0.04	0.00	0.04
444273	3747185.77	0.05	0.00	0.05	0.03	0.00	0.03
444373	3747185.77	0.04	0.00	0.04	0.03	0.00	0.03
444473	3747185.77	0.03	0.00	0.04	0.02	0.00	0.02
444573	3747185.77	0.03	0.00	0.03	0.02	0.00	0.02
444673	3747185.77	0.03	0.00	0.03	0.02	0.00	0.02
444773	3747185.77	0.02	0.00	0.02	0.01	0.00	0.01
444873	3747185.77	0.02	0.00	0.02	0.01	0.00	0.01
444973	3747185.77	0.02	0.00	0.02	0.01	0.00	0.01
445073	3747185.77	0.02	0.00	0.02	0.01	0.00	0.01
445173	3747185.77	0.02	0.00	0.02	0.01	0.00	0.01
445273	3747185.77	0.01	0.00	0.02	0.01	0.00	0.01
445373	3747185.77	0.01	0.00	0.01	0.01	0.00	0.01
445473	3747185.77	0.01	0.00	0.01	0.01	0.00	0.01
445573	3747185.77	0.01	0.00	0.01	0.01	0.00	0.01
444173	3747285.77	0.11	0.00	0.11	0.07	0.00	0.07
444273	3747285.77	0.08	0.00	0.08	0.05	0.00	0.05
444373	3747285.77	0.06	0.00	0.06	0.03	0.00	0.03
444473	3747285.77	0.04	0.00	0.05	0.03	0.00	0.03
444573	3747285.77	0.04	0.00	0.04	0.02	0.00	0.02
444673	3747285.77	0.03	0.00	0.03	0.02	0.00	0.02
444773	3747285.77	0.03	0.00	0.03	0.02	0.00	0.02
444873	3747285.77	0.02	0.00	0.02	0.01	0.00	0.01
444973	3747285.77	0.02	0.00	0.02	0.01	0.00	0.01
445073	3747285.77	0.02	0.00	0.02	0.01	0.00	0.01
445173	3747285.77	0.02	0.00	0.02	0.01	0.00	0.01
445273	3747285.77	0.02	0.00	0.02	0.01	0.00	0.01
445373	3747285.77	0.01	0.00	0.01	0.01	0.00	0.01
445473	3747285.77	0.01	0.00	0.01	0.01	0.00	0.01
445573	3747285.77	0.01	0.00	0.01	0.01	0.00	0.01
444173	3747385.77	0.17	0.00	0.17	0.10	0.00	0.10
444273	3747385.77	0.11	0.00	0.11	0.06	0.00	0.06
444373	3747385.77	0.07	0.00	0.07	0.04	0.00	0.05
444473	3747385.77	0.06	0.00	0.06	0.03	0.00	0.03
444573	3747385.77	0.04	0.00	0.05	0.03	0.00	0.03
444673	3747385.77	0.04	0.00	0.04	0.02	0.00	0.02
444773	3747385.77	0.03	0.00	0.03	0.02	0.00	0.02
444873	3747385.77	0.03	0.00	0.03	0.02	0.00	0.02
444973	3747385.77	0.02	0.00	0.02	0.01	0.00	0.01
445073	3747385.77	0.02	0.00	0.02	0.01	0.00	0.01
445173	3747385.77	0.02	0.00	0.02	0.01	0.00	0.01

Maximum Cancer Risks for Phase I and II
0.72
SCAQMD's significance of threshold
10
Exceeding threshold?
No

445273	3747385.77	0.02	0.00	0.02	0.01	0.00	0.01
445373	3747385.77	0.02	0.00	0.02	0.01	0.00	0.01
445473	3747385.77	0.01	0.00	0.01	0.01	0.00	0.01
445573	3747385.77	0.01	0.00	0.01	0.01	0.00	0.01
444173	3747485.77	0.22	0.00	0.22	0.13	0.00	0.13
444273	3747485.77	0.13	0.00	0.13	0.08	0.00	0.08
444373	3747485.77	0.09	0.00	0.09	0.05	0.00	0.06
444473	3747485.77	0.07	0.00	0.07	0.04	0.00	0.04
444573	3747485.77	0.05	0.00	0.05	0.03	0.00	0.03
444673	3747485.77	0.04	0.00	0.04	0.02	0.00	0.02
444773	3747485.77	0.03	0.00	0.03	0.02	0.00	0.02
444873	3747485.77	0.03	0.00	0.03	0.02	0.00	0.02
444973	3747485.77	0.02	0.00	0.02	0.01	0.00	0.02
445073	3747485.77	0.02	0.00	0.02	0.01	0.00	0.01
445173	3747485.77	0.02	0.00	0.02	0.01	0.00	0.01
445273	3747485.77	0.02	0.00	0.02	0.01	0.00	0.01
445373	3747485.77	0.02	0.00	0.02	0.01	0.00	0.01
445473	3747485.77	0.01	0.00	0.02	0.01	0.00	0.01
445573	3747485.77	0.01	0.00	0.01	0.01	0.00	0.01
444173	3747585.77	0.27	0.00	0.27	0.16	0.00	0.16
444273	3747585.77	0.15	0.00	0.15	0.09	0.00	0.09
444373	3747585.77	0.10	0.00	0.10	0.06	0.00	0.06
444473	3747585.77	0.07	0.00	0.07	0.04	0.00	0.04
444573	3747585.77	0.05	0.00	0.05	0.03	0.00	0.03
444673	3747585.77	0.04	0.00	0.04	0.03	0.00	0.03
444773	3747585.77	0.03	0.00	0.04	0.02	0.00	0.02
444873	3747585.77	0.03	0.00	0.03	0.02	0.00	0.02
444973	3747585.77	0.03	0.00	0.03	0.02	0.00	0.02
445073	3747585.77	0.02	0.00	0.02	0.01	0.00	0.01
445173	3747585.77	0.02	0.00	0.02	0.01	0.00	0.01
445273	3747585.77	0.02	0.00	0.02	0.01	0.00	0.01
445373	3747585.77	0.02	0.00	0.02	0.01	0.00	0.01
445473	3747585.77	0.02	0.00	0.02	0.01	0.00	0.01
445573	3747585.77	0.01	0.00	0.02	0.01	0.00	0.01
444173	3747685.77	0.23	0.00	0.24	0.14	0.00	0.14
444273	3747685.77	0.14	0.00	0.15	0.09	0.00	0.09
444373	3747685.77	0.10	0.00	0.10	0.06	0.00	0.06
444473	3747685.77	0.07	0.00	0.07	0.04	0.00	0.04
444573	3747685.77	0.05	0.00	0.05	0.03	0.00	0.03
444673	3747685.77	0.04	0.00	0.04	0.03	0.00	0.03
444773	3747685.77	0.04	0.00	0.04	0.02	0.00	0.02
444873	3747685.77	0.03	0.00	0.03	0.02	0.00	0.02
444973	3747685.77	0.03	0.00	0.03	0.02	0.00	0.02
445073	3747685.77	0.02	0.00	0.02	0.01	0.00	0.02
445173	3747685.77	0.02	0.00	0.02	0.01	0.00	0.01
445273	3747685.77	0.02	0.00	0.02	0.01	0.00	0.01
445373	3747685.77	0.02	0.00	0.02	0.01	0.00	0.01
445473	3747685.77	0.02	0.00	0.02	0.01	0.00	0.01
445573	3747685.77	0.02	0.00	0.02	0.01	0.00	0.01
444173	3747785.77	0.17	0.00	0.18	0.11	0.00	0.11
444273	3747785.77	0.12	0.00	0.12	0.07	0.00	0.08
444373	3747785.77	0.09	0.00	0.09	0.05	0.00	0.06
444473	3747785.77	0.06	0.00	0.07	0.04	0.00	0.04
444573	3747785.77	0.05	0.00	0.05	0.03	0.00	0.03
444673	3747785.77	0.04	0.00	0.04	0.03	0.00	0.03
444773	3747785.77	0.04	0.00	0.04	0.02	0.00	0.02
444873	3747785.77	0.03	0.00	0.03	0.02	0.00	0.02
444973	3747785.77	0.03	0.00	0.03	0.02	0.00	0.02
445073	3747785.77	0.02	0.00	0.03	0.02	0.00	0.02
445173	3747785.77	0.02	0.00	0.02	0.01	0.00	0.01
445273	3747785.77	0.02	0.00	0.02	0.01	0.00	0.01
445373	3747785.77	0.02	0.00	0.02	0.01	0.00	0.01
445473	3747785.77	0.02	0.00	0.02	0.01	0.00	0.01
445573	3747785.77	0.02	0.00	0.02	0.01	0.00	0.01
444173	3747885.77	0.12	0.01	0.13	0.08	0.01	0.09
444273	3747885.77	0.09	0.01	0.10	0.06	0.01	0.06
444373	3747885.77	0.07	0.00	0.07	0.04	0.00	0.05
444473	3747885.77	0.06	0.00	0.06	0.04	0.00	0.04
444573	3747885.77	0.05	0.00	0.05	0.03	0.00	0.03
444673	3747885.77	0.04	0.00	0.04	0.02	0.00	0.03
444773	3747885.77	0.03	0.00	0.04	0.02	0.00	0.02
444873	3747885.77	0.03	0.00	0.03	0.02	0.00	0.02
444973	3747885.77	0.03	0.00	0.03	0.02	0.00	0.02
445073	3747885.77	0.02	0.00	0.03	0.02	0.00	0.02
445173	3747885.77	0.02	0.00	0.02	0.01	0.00	0.02
445273	3747885.77	0.02	0.00	0.02	0.01	0.00	0.01
445373	3747885.77	0.02	0.00	0.02	0.01	0.00	0.01
445473	3747885.77	0.02	0.00	0.02	0.01	0.00	0.01
445573	3747885.77	0.02	0.00	0.02	0.01	0.00	0.01
444173	3747985.77	0.09	0.02	0.10	0.06	0.02	0.08
444273	3747985.77	0.07	0.01	0.08	0.04	0.01	0.06
444373	3747985.77	0.06	0.01	0.06	0.04	0.01	0.04
444473	3747985.77	0.05	0.00	0.05	0.03	0.00	0.04
444573	3747985.77	0.04	0.00	0.04	0.03	0.00	0.03
444673	3747985.77	0.04	0.00	0.04	0.02	0.00	0.03
444773	3747985.77	0.03	0.00	0.04	0.02	0.00	0.02
444873	3747985.77	0.03	0.00	0.03	0.02	0.00	0.02
444973	3747985.77	0.03	0.00	0.03	0.02	0.00	0.02
445073	3747985.77	0.02	0.00	0.03	0.02	0.00	0.02
445173	3747985.77	0.02	0.00	0.02	0.01	0.00	0.02
445273	3747985.77	0.02	0.00	0.02	0.01	0.00	0.01
445373	3747985.77	0.02	0.00	0.02	0.01	0.00	0.01
445473	3747985.77	0.02	0.00	0.02	0.01	0.00	0.01
445573	3747985.77	0.02	0.00	0.02	0.01	0.00	0.01
444173	3748085.77	0.07	0.03	0.10	0.05	0.03	0.08
444273	3748085.77	0.06	0.01	0.07	0.04	0.01	0.05

444373	3748085.77	0.05	0.01	0.06	0.03	0.01	0.04
444473	3748085.77	0.04	0.01	0.05	0.03	0.01	0.03
444573	3748085.77	0.04	0.00	0.04	0.03	0.00	0.03
444673	3748085.77	0.04	0.00	0.04	0.02	0.00	0.03
444773	3748085.77	0.03	0.00	0.03	0.02	0.00	0.02
444873	3748085.77	0.03	0.00	0.03	0.02	0.00	0.02
444973	3748085.77	0.03	0.00	0.03	0.02	0.00	0.02
445073	3748085.77	0.02	0.00	0.03	0.02	0.00	0.02
445173	3748085.77	0.02	0.00	0.02	0.01	0.00	0.02
445273	3748085.77	0.02	0.00	0.02	0.01	0.00	0.01
445373	3748085.77	0.02	0.00	0.02	0.01	0.00	0.01
445473	3748085.77	0.02	0.00	0.02	0.01	0.00	0.01
445573	3748085.77	0.02	0.00	0.02	0.01	0.00	0.01
444173	3748185.77	0.08	0.07	0.15	0.06	0.07	0.13
444273	3748185.77	0.06	0.02	0.08	0.04	0.02	0.06
444373	3748185.77	0.05	0.01	0.06	0.03	0.01	0.05
444473	3748185.77	0.04	0.01	0.05	0.03	0.01	0.04
444573	3748185.77	0.04	0.00	0.04	0.03	0.00	0.03
444673	3748185.77	0.04	0.00	0.04	0.02	0.00	0.03
444773	3748185.77	0.03	0.00	0.03	0.02	0.00	0.02
444873	3748185.77	0.03	0.00	0.03	0.02	0.00	0.02
444973	3748185.77	0.03	0.00	0.03	0.02	0.00	0.02
445073	3748185.77	0.02	0.00	0.03	0.02	0.00	0.02
445173	3748185.77	0.02	0.00	0.02	0.01	0.00	0.02
445273	3748185.77	0.02	0.00	0.02	0.01	0.00	0.01
445373	3748185.77	0.02	0.00	0.02	0.01	0.00	0.01
445473	3748185.77	0.02	0.00	0.02	0.01	0.00	0.01
445573	3748185.77	0.02	0.00	0.02	0.01	0.00	0.01
444173	3748285.77	0.11	0.03	0.14	0.08	0.03	0.11
444273	3748285.77	0.08	0.02	0.09	0.05	0.02	0.07
444373	3748285.77	0.06	0.01	0.07	0.04	0.01	0.05
444473	3748285.77	0.05	0.01	0.05	0.03	0.01	0.04
444573	3748285.77	0.04	0.00	0.05	0.03	0.00	0.03
444673	3748285.77	0.04	0.00	0.04	0.02	0.00	0.03
444773	3748285.77	0.03	0.00	0.04	0.02	0.00	0.02
444873	3748285.77	0.03	0.00	0.03	0.02	0.00	0.02
444973	3748285.77	0.03	0.00	0.03	0.02	0.00	0.02
445073	3748285.77	0.02	0.00	0.03	0.02	0.00	0.02
445173	3748285.77	0.02	0.00	0.02	0.01	0.00	0.02
445273	3748285.77	0.02	0.00	0.02	0.01	0.00	0.01
445373	3748285.77	0.02	0.00	0.02	0.01	0.00	0.01
445473	3748285.77	0.02	0.00	0.02	0.01	0.00	0.01
445573	3748285.77	0.02	0.00	0.02	0.01	0.00	0.01
444173	3748385.77	0.16	0.01	0.17	0.14	0.01	0.15
444273	3748385.77	0.10	0.01	0.10	0.07	0.01	0.08
444373	3748385.77	0.07	0.01	0.07	0.05	0.01	0.06
444473	3748385.77	0.05	0.00	0.06	0.04	0.00	0.04
444573	3748385.77	0.04	0.00	0.05	0.03	0.00	0.03
444673	3748385.77	0.04	0.00	0.04	0.03	0.00	0.03
444773	3748385.77	0.03	0.00	0.04	0.02	0.00	0.02
444873	3748385.77	0.03	0.00	0.03	0.02	0.00	0.02
444973	3748385.77	0.03	0.00	0.03	0.02	0.00	0.02
445073	3748385.77	0.02	0.00	0.03	0.02	0.00	0.02
445173	3748385.77	0.02	0.00	0.02	0.01	0.00	0.02
445273	3748385.77	0.02	0.00	0.02	0.01	0.00	0.01
445373	3748385.77	0.02	0.00	0.02	0.01	0.00	0.01
445473	3748385.77	0.02	0.00	0.02	0.01	0.00	0.01
445573	3748385.77	0.02	0.00	0.02	0.01	0.00	0.01
444173	3748485.77	0.18	0.01	0.19	0.20	0.01	0.21
444273	3748485.77	0.11	0.00	0.12	0.11	0.00	0.11
444373	3748485.77	0.08	0.00	0.08	0.06	0.00	0.06
444473	3748485.77	0.06	0.00	0.06	0.04	0.00	0.05
444573	3748485.77	0.05	0.00	0.05	0.03	0.00	0.04
444673	3748485.77	0.04	0.00	0.04	0.03	0.00	0.03
444773	3748485.77	0.03	0.00	0.04	0.02	0.00	0.02
444873	3748485.77	0.03	0.00	0.03	0.02	0.00	0.02
444973	3748485.77	0.03	0.00	0.03	0.02	0.00	0.02
445073	3748485.77	0.02	0.00	0.03	0.02	0.00	0.02
445173	3748485.77	0.02	0.00	0.02	0.01	0.00	0.02
445273	3748485.77	0.02	0.00	0.02	0.01	0.00	0.01
445373	3748485.77	0.02	0.00	0.02	0.01	0.00	0.01
445473	3748485.77	0.02	0.00	0.02	0.01	0.00	0.01
445573	3748485.77	0.02	0.00	0.02	0.01	0.00	0.01
443047.9	3748855.7	0.31	0.00	0.31	0.18	0.00	0.18
443030.1	3748868.74	0.30	0.00	0.30	0.17	0.00	0.18
443016.9	3748884.58	0.32	0.00	0.33	0.19	0.00	0.19
442999.3	3748898.66	0.31	0.00	0.31	0.18	0.00	0.18
442983.5	3748918.02	0.32	0.00	0.32	0.19	0.00	0.19
442962.4	3748934.74	0.30	0.00	0.30	0.17	0.00	0.17
442947.4	3748948.82	0.28	0.00	0.28	0.16	0.00	0.16
442935.1	3748963.78	0.28	0.00	0.28	0.16	0.00	0.16
442916.6	3748985.78	0.28	0.00	0.29	0.16	0.00	0.17
442899	3749001.62	0.26	0.00	0.26	0.15	0.00	0.15
442881.4	3749017.46	0.23	0.00	0.23	0.13	0.00	0.13
442868.2	3749033.31	0.21	0.00	0.21	0.12	0.00	0.12
442854.1	3749046.51	0.18	0.00	0.18	0.10	0.00	0.10
442833	3749062.35	0.13	0.00	0.13	0.07	0.00	0.07
442816.3	3749081.71	0.10	0.00	0.10	0.06	0.00	0.06
442801.3	3749094.91	0.08	0.00	0.08	0.04	0.00	0.05
442780.2	3749111.63	0.06	0.00	0.06	0.03	0.00	0.03
442764.3	3749127.47	0.05	0.00	0.05	0.03	0.00	0.03
442750.3	3749130.11	0.04	0.00	0.04	0.03	0.00	0.03
442722.1	3749138.03	0.04	0.00	0.04	0.02	0.00	0.02
442705.4	3749146.83	0.03	0.00	0.03	0.02	0.00	0.02
442678.1	3749144.19	0.03	0.00	0.03	0.02	0.00	0.02
442659.6	3749147.71	0.03	0.00	0.03	0.02	0.00	0.02

442638.5	3749145.07	0.03	0.00	0.03	0.02	0.00	0.02
442662.3	3749101.07	0.03	0.00	0.03	0.02	0.00	0.02
442694.8	3749095.79	0.04	0.00	0.04	0.02	0.00	0.02
442709.8	3749094.03	0.04	0.00	0.04	0.02	0.00	0.02
442730	3749086.99	0.04	0.00	0.04	0.03	0.00	0.03
442752	3749068.51	0.05	0.00	0.05	0.03	0.00	0.03
442796.9	3749035.94	0.07	0.00	0.08	0.04	0.00	0.05
442817.1	3749007.78	0.09	0.00	0.09	0.05	0.00	0.05
442845.3	3748987.54	0.11	0.00	0.11	0.06	0.00	0.06
442865.5	3748973.46	0.12	0.00	0.12	0.07	0.00	0.07
442840.9	3748956.74	0.09	0.00	0.09	0.05	0.00	0.05
442888.4	3748944.42	0.13	0.00	0.13	0.07	0.00	0.08
442871.7	3748932.1	0.10	0.00	0.10	0.06	0.00	0.06
442872.6	3748910.98	0.09	0.00	0.09	0.05	0.00	0.06
442880.5	3748896.9	0.09	0.00	0.09	0.05	0.00	0.06
442906	3748895.14	0.11	0.00	0.11	0.07	0.00	0.07
442925.4	3748905.7	0.14	0.00	0.14	0.08	0.00	0.08
442928	3748871.38	0.11	0.00	0.11	0.07	0.00	0.07
442943	3748881.94	0.14	0.00	0.14	0.08	0.00	0.08
442959.7	3748871.38	0.14	0.00	0.15	0.08	0.00	0.09
442923.6	3748842.34	0.09	0.00	0.10	0.06	0.00	0.06
442937.7	3748821.22	0.09	0.00	0.09	0.05	0.00	0.06
442971.2	3748822.98	0.11	0.00	0.11	0.07	0.00	0.07
442986.1	3748841.46	0.14	0.00	0.14	0.08	0.00	0.09
442985.2	3748812.42	0.11	0.00	0.12	0.07	0.00	0.07
443002	3748822.1	0.13	0.00	0.14	0.08	0.00	0.08
443063.6	3748836.18	0.27	0.00	0.28	0.16	0.00	0.17
443064.4	3748815.06	0.20	0.01	0.21	0.12	0.01	0.13
443051.2	3748791.3	0.15	0.01	0.15	0.09	0.01	0.09
443003.7	3748799.22	0.11	0.00	0.12	0.07	0.00	0.07
442974.7	3748795.7	0.09	0.00	0.10	0.06	0.00	0.06
443038.9	3748779.86	0.12	0.01	0.13	0.07	0.01	0.08
443027.5	3748759.62	0.10	0.01	0.11	0.06	0.01	0.07
443024	3748743.77	0.09	0.01	0.10	0.05	0.01	0.06
443009	3748724.41	0.08	0.01	0.08	0.05	0.01	0.05
443009	3748702.41	0.07	0.01	0.08	0.04	0.01	0.05
443097.9	3748795.7	0.21	0.01	0.22	0.13	0.01	0.14
443090.8	3748778.98	0.17	0.01	0.18	0.10	0.01	0.11
443071.5	3748764.02	0.13	0.01	0.14	0.08	0.01	0.09
443064.4	3748742.01	0.11	0.01	0.12	0.07	0.01	0.08
443051.2	3748723.53	0.10	0.01	0.10	0.06	0.01	0.07
443042.4	3748707.69	0.09	0.01	0.09	0.05	0.01	0.06
443042.4	3748691.85	0.08	0.01	0.09	0.05	0.01	0.06
443141.9	3748742.01	0.14	0.03	0.17	0.09	0.03	0.12
443121.6	3748726.17	0.12	0.02	0.14	0.07	0.02	0.09
443107.6	3748705.05	0.10	0.02	0.12	0.06	0.02	0.08
443088.2	3748676.01	0.09	0.01	0.10	0.05	0.01	0.06
443145.4	3748708.57	0.11	0.03	0.15	0.07	0.03	0.10
443176.2	3748679.53	0.11	0.05	0.16	0.07	0.05	0.12
443103.2	3748670.73	0.09	0.01	0.10	0.05	0.01	0.07
443230.8	3748790.42	0.22	0.05	0.27	0.18	0.05	0.23
443242.2	3748767.54	0.18	0.08	0.26	0.12	0.08	0.20
443255.4	3748742.89	0.16	0.09	0.25	0.10	0.09	0.19
443265.1	3748712.97	0.15	0.11	0.26	0.09	0.11	0.20
443278.3	3748687.45	0.15	0.10	0.26	0.09	0.10	0.20
443297.6	3748659.29	0.17	0.10	0.27	0.10	0.10	0.20
443306.4	3748793.94	0.27	0.02	0.29	0.17	0.02	0.19
443339.9	3748786.02	0.33	0.02	0.34	0.20	0.02	0.22
443371.6	3748768.42	0.37	0.02	0.39	0.22	0.02	0.24
443392.7	3748756.98	0.42	0.02	0.43	0.24	0.02	0.26
443418.2	3748739.37	0.45	0.02	0.46	0.26	0.02	0.28
443444.6	3748724.41	0.48	0.02	0.50	0.28	0.02	0.30
443471.9	3748711.21	0.52	0.01	0.53	0.30	0.01	0.31
443496.5	3748694.49	0.51	0.01	0.52	0.30	0.01	0.31
443525.6	3748681.29	0.54	0.01	0.56	0.31	0.01	0.33
443548.5	3748668.09	0.52	0.01	0.53	0.30	0.01	0.31
443583.7	3748651.37	0.58	0.01	0.59	0.34	0.01	0.35
443383	3748960.26	0.20	0.00	0.21	0.14	0.00	0.14
443380.4	3748936.5	0.25	0.00	0.25	0.16	0.00	0.16
443370.7	3748910.1	0.36	0.00	0.37	0.23	0.00	0.23
443386.5	3748896.02	0.48	0.01	0.48	0.29	0.01	0.29
443423.5	3748874.9	0.53	0.01	0.54	0.32	0.01	0.32
443448.1	3748859.94	0.53	0.01	0.54	0.31	0.01	0.32
443465.7	3748849.38	0.52	0.01	0.53	0.30	0.01	0.31
443497.4	3748829.14	0.51	0.01	0.52	0.30	0.01	0.30
443513.3	3748820.34	0.50	0.01	0.50	0.29	0.01	0.30
443539.7	3748809.78	0.48	0.01	0.49	0.28	0.01	0.29
443559.9	3748803.62	0.47	0.01	0.48	0.27	0.01	0.28
443581.9	3748796.58	0.47	0.01	0.48	0.27	0.01	0.28
443602.1	3748793.06	0.45	0.01	0.46	0.26	0.01	0.27
443624.1	3748791.3	0.43	0.01	0.43	0.25	0.01	0.25
443642.6	3748786.9	0.44	0.01	0.44	0.25	0.01	0.26
443661.1	3748783.38	0.43	0.00	0.44	0.25	0.00	0.26
443684	3748786.02	0.38	0.00	0.39	0.22	0.00	0.23
443535.3	3748597.69	0.59	0.01	0.60	0.34	0.01	0.35
443511.5	3748617.05	0.55	0.01	0.57	0.32	0.01	0.33
443491.3	3748637.29	0.52	0.01	0.53	0.30	0.01	0.31
443468.4	3748647.85	0.55	0.02	0.56	0.32	0.02	0.33
443441.1	3748674.25	0.44	0.02	0.45	0.25	0.02	0.27
443414.7	3748689.21	0.39	0.02	0.41	0.23	0.02	0.25
443389.2	3748705.93	0.31	0.02	0.34	0.18	0.02	0.21
443307.3	3748632.01	0.18	0.10	0.28	0.11	0.10	0.21
443322.3	3748600.33	0.19	0.09	0.28	0.11	0.09	0.20
443336.4	3748572.17	0.19	0.08	0.27	0.11	0.08	0.19
443355.7	3748617.05	0.31	0.05	0.37	0.18	0.05	0.24
443377.7	3748583.61	0.36	0.05	0.41	0.21	0.05	0.26

443387.4	3748555.45	0.33	0.05	0.38	0.19	0.05	0.24
443399.7	3748531.69	0.36	0.05	0.41	0.21	0.05	0.25
443409.4	3748510.56	0.40	0.05	0.45	0.23	0.05	0.28
443339.9	3748550.17	0.18	0.09	0.27	0.11	0.09	0.19
443358.4	3748517.61	0.19	0.07	0.26	0.11	0.07	0.18
443360.1	3748489.44	0.18	0.08	0.26	0.10	0.08	0.18
443372.4	3748464.8	0.19	0.09	0.28	0.11	0.09	0.20
443394.4	3748441.04	0.19	0.08	0.27	0.11	0.08	0.19
443497.4	3748439.28	0.52	0.03	0.55	0.30	0.03	0.33
443522.1	3748422.56	0.39	0.03	0.41	0.22	0.03	0.25
443541.4	3748404.08	0.32	0.02	0.34	0.19	0.02	0.21
443557.3	3748392.64	0.29	0.02	0.31	0.17	0.02	0.19
443580.1	3748376.8	0.28	0.02	0.30	0.17	0.02	0.18
443602.1	3748365.36	0.29	0.01	0.30	0.17	0.01	0.18
443623.3	3748346	0.28	0.01	0.29	0.16	0.01	0.17
443653.2	3748335.44	0.32	0.01	0.33	0.19	0.01	0.20
443671.7	3748321.36	0.31	0.01	0.32	0.18	0.01	0.19
443508.9	3748368.88	0.19	0.03	0.22	0.11	0.03	0.14
443479.8	3748380.32	0.19	0.04	0.23	0.11	0.04	0.15
443526.5	3748355.68	0.18	0.02	0.20	0.11	0.02	0.13
443548.5	3748339.84	0.18	0.02	0.19	0.10	0.02	0.12
443571.3	3748324	0.18	0.01	0.19	0.10	0.01	0.12
443590.7	3748310.8	0.17	0.01	0.18	0.10	0.01	0.11
443612.7	3748296.72	0.17	0.01	0.18	0.10	0.01	0.11
443636.5	3748282.64	0.17	0.01	0.18	0.10	0.01	0.11
443654.9	3748265.92	0.16	0.01	0.17	0.10	0.01	0.10
443672.5	3748246.56	0.15	0.01	0.16	0.09	0.01	0.10
443689.3	3748231.6	0.14	0.01	0.15	0.09	0.01	0.10
443706.9	3748215.75	0.14	0.01	0.14	0.09	0.01	0.09
443691	3748297.6	0.27	0.01	0.27	0.16	0.01	0.17
443707.7	3748282.64	0.24	0.01	0.25	0.14	0.01	0.15
443725.3	3748266.8	0.22	0.01	0.22	0.13	0.01	0.14
443741.2	3748257.12	0.21	0.01	0.22	0.13	0.01	0.14
443759.7	3748243.04	0.21	0.01	0.22	0.13	0.01	0.14
443773.7	3748221.03	0.19	0.01	0.20	0.12	0.01	0.13
443794.9	3748203.43	0.18	0.01	0.19	0.12	0.01	0.13
443813.3	3748185.83	0.18	0.01	0.19	0.12	0.01	0.13
443824.8	3748163.83	0.16	0.01	0.17	0.12	0.01	0.13
443842.4	3748150.63	0.17	0.02	0.18	0.15	0.02	0.16
443794.9	3748123.35	0.12	0.01	0.13	0.10	0.01	0.11
443808.1	3748106.63	0.13	0.02	0.14	0.13	0.02	0.15
443773.7	3748145.35	0.11	0.01	0.13	0.08	0.01	0.09
443762.3	3748169.11	0.12	0.01	0.13	0.08	0.01	0.09
443749.1	3748183.19	0.13	0.01	0.14	0.09	0.01	0.09
443724.5	3748197.27	0.13	0.01	0.14	0.08	0.01	0.09
443669	3748506.17	0.67	0.01	0.68	0.38	0.01	0.39
443691	3748531.69	0.62	0.01	0.62	0.35	0.01	0.36
443709.5	3748544.89	0.60	0.01	0.60	0.34	0.01	0.35
443731.5	3748574.81	0.71	0.01	0.72	0.41	0.01	0.42
443760.5	3748588.01	0.72	0.01	0.72	0.41	0.01	0.42
443782.5	3748564.25	0.54	0.01	0.54	0.31	0.01	0.32
443807.2	3748539.61	0.47	0.01	0.47	0.27	0.01	0.28
443826.5	3748515.85	0.43	0.01	0.44	0.25	0.01	0.26
443852.9	3748491.21	0.43	0.01	0.43	0.25	0.01	0.25
443863.5	3748470.08	0.41	0.01	0.41	0.24	0.01	0.24
443882	3748439.28	0.39	0.01	0.39	0.23	0.01	0.23
443881.1	3748410.24	0.36	0.01	0.36	0.21	0.01	0.22
443899.6	3748423.44	0.39	0.01	0.40	0.23	0.01	0.24
443891.7	3748384.72	0.35	0.01	0.35	0.21	0.01	0.21
443911.1	3748370.97	0.35	0.01	0.35	0.21	0.01	0.22
443929.5	3748345.54	0.35	0.01	0.36	0.21	0.01	0.22
443939.1	3748329.01	0.35	0.01	0.36	0.22	0.01	0.22
443955	3748309.93	0.34	0.01	0.35	0.22	0.01	0.23
443975.3	3748291.49	0.33	0.02	0.34	0.24	0.02	0.25
443932.7	3748260.34	0.44	0.01	0.45	0.29	0.01	0.30
443907.9	3748288.95	0.46	0.01	0.46	0.28	0.01	0.29
443892	3748306.75	0.44	0.01	0.45	0.27	0.01	0.27
443878.7	3748325.19	0.42	0.01	0.43	0.25	0.01	0.26
443864.7	3748341.09	0.41	0.01	0.42	0.24	0.01	0.25
443848.1	3748357.62	0.42	0.01	0.42	0.25	0.01	0.25
443829.7	3748376.69	0.42	0.01	0.42	0.24	0.01	0.25
443796	3748384.96	0.48	0.01	0.49	0.28	0.01	0.29
443774.4	3748402.76	0.49	0.01	0.50	0.29	0.01	0.29
443747	3748423.75	0.53	0.01	0.54	0.31	0.01	0.32
443723.5	3748442.19	0.55	0.01	0.55	0.32	0.01	0.32
443705.7	3748458.72	0.54	0.01	0.55	0.31	0.01	0.32
443678.4	3748482.88	0.62	0.01	0.63	0.36	0.01	0.37
443730.5	3748499.41	0.45	0.01	0.45	0.26	0.01	0.27
443747	3748481.61	0.42	0.01	0.42	0.24	0.01	0.25
443773.1	3748465.71	0.40	0.01	0.40	0.23	0.01	0.24
443753.4	3748477.79	0.41	0.01	0.42	0.24	0.01	0.25
443778.2	3748500.05	0.40	0.01	0.40	0.23	0.01	0.24
443792.2	3748480.97	0.38	0.01	0.39	0.22	0.01	0.23
443817	3748455.54	0.37	0.01	0.37	0.22	0.01	0.22
443801.1	3748442.82	0.38	0.01	0.39	0.22	0.01	0.23
443815.7	3748424.38	0.38	0.01	0.39	0.22	0.01	0.23
443834.1	3748437.73	0.36	0.01	0.37	0.21	0.01	0.22
443855.1	3748084.13	0.15	0.04	0.20	0.20	0.04	0.25
443836.6	3748062.13	0.14	0.03	0.18	0.19	0.03	0.22
443812.8	3748041	0.15	0.02	0.17	0.21	0.02	0.23
443769.7	3747996.11	0.14	0.01	0.15	0.21	0.01	0.23
443828.7	3748013.72	0.10	0.03	0.14	0.11	0.03	0.14
443816.3	3747989.95	0.10	0.03	0.12	0.10	0.03	0.13
443813.7	3747954.75	0.09	0.02	0.11	0.08	0.02	0.11
443764.4	3747961.79	0.10	0.01	0.12	0.13	0.01	0.14
443730.1	3747945.06	0.12	0.01	0.13	0.18	0.01	0.19

443706.3	3747923.06	0.13	0.01	0.14	0.20	0.01	0.21
443688.7	3747902.81	0.13	0.01	0.13	0.19	0.01	0.20
443664.9	3747880.81	0.13	0.00	0.13	0.21	0.00	0.22
443646.5	3747852.64	0.11	0.00	0.12	0.18	0.00	0.18
443619.2	3747824.48	0.11	0.00	0.12	0.18	0.00	0.19
443604.2	3747805.99	0.11	0.00	0.12	0.18	0.00	0.18
443618.3	3747776.95	0.09	0.00	0.09	0.12	0.00	0.13
443639.4	3747752.3	0.09	0.00	0.09	0.11	0.00	0.12
443670.2	3747725.02	0.08	0.00	0.09	0.11	0.00	0.11
443702.8	3747688.05	0.10	0.00	0.10	0.13	0.00	0.14
443684.3	3747671.33	0.11	0.00	0.11	0.16	0.00	0.16
443719.5	3747704.77	0.10	0.00	0.10	0.13	0.00	0.13
443730.1	3747724.14	0.10	0.00	0.10	0.11	0.00	0.12
443753	3747739.98	0.11	0.00	0.11	0.13	0.00	0.13
443766.2	3747760.23	0.11	0.00	0.12	0.12	0.00	0.13
443789	3747782.23	0.13	0.01	0.13	0.13	0.01	0.14
443802.3	3747798.07	0.13	0.01	0.14	0.13	0.01	0.14
443819.9	3747817.44	0.15	0.01	0.16	0.15	0.01	0.16
443838.3	3747832.4	0.18	0.01	0.19	0.17	0.01	0.18
443855.1	3747848.24	0.20	0.02	0.21	0.18	0.02	0.20
443868.3	3747867.61	0.19	0.03	0.22	0.17	0.03	0.20
443885.9	3747890.49	0.17	0.04	0.21	0.15	0.04	0.19
443905.2	3747909.86	0.16	0.05	0.21	0.12	0.05	0.18
443919.3	3747930.1	0.14	0.07	0.21	0.10	0.07	0.18
443942.2	3747945.94	0.15	0.10	0.25	0.10	0.10	0.20
443955.4	3747961.79	0.12	0.11	0.23	0.09	0.11	0.20
443984.4	3747930.1	0.20	0.04	0.24	0.13	0.04	0.17
443991.5	3747911.62	0.30	0.03	0.33	0.19	0.03	0.22
443994.1	3747889.61	0.45	0.02	0.47	0.28	0.02	0.30
444004.7	3747868.49	0.43	0.02	0.44	0.26	0.02	0.28
444006.5	3747849.12	0.46	0.01	0.47	0.28	0.01	0.30
444014.4	3747831.52	0.46	0.01	0.47	0.28	0.01	0.29
444017	3747807.75	0.50	0.01	0.50	0.30	0.01	0.31
444024.9	3747790.15	0.49	0.01	0.50	0.30	0.01	0.30
444036.4	3747768.15	0.48	0.01	0.49	0.29	0.01	0.29
444047.8	3747747.9	0.47	0.01	0.48	0.28	0.01	0.29
444058.4	3747728.54	0.47	0.00	0.47	0.28	0.00	0.28
444071.6	3747710.05	0.45	0.00	0.46	0.27	0.00	0.27
444086.6	3747695.97	0.42	0.00	0.42	0.24	0.00	0.25
444102.4	3747681.89	0.38	0.00	0.38	0.22	0.00	0.23
444114.7	3747666.92	0.37	0.00	0.37	0.21	0.00	0.22
444132.3	3747655.48	0.33	0.00	0.33	0.19	0.00	0.20
444113	3747621.15	0.43	0.00	0.44	0.25	0.00	0.26
443727.5	3747635.23	0.13	0.00	0.13	0.19	0.00	0.20
443741.6	3747647.56	0.13	0.00	0.13	0.19	0.00	0.19
443754.8	3747668.68	0.15	0.00	0.15	0.22	0.00	0.22
443769.8	3747684.53	0.15	0.00	0.15	0.21	0.00	0.22
443780.3	3747695.09	0.15	0.00	0.15	0.20	0.00	0.20
443797.1	3747714.46	0.16	0.00	0.16	0.20	0.00	0.21
443809.4	3747727.66	0.17	0.00	0.17	0.21	0.00	0.21
443823.5	3747745.26	0.19	0.01	0.19	0.22	0.01	0.23
443846.4	3747775.19	0.24	0.01	0.25	0.27	0.01	0.28
443860.4	3747786.63	0.26	0.01	0.27	0.28	0.01	0.28
443868.4	3747769.91	0.25	0.01	0.26	0.21	0.01	0.22
443879.8	3747749.67	0.25	0.01	0.26	0.19	0.01	0.19
443887.7	3747723.26	0.25	0.00	0.25	0.17	0.00	0.18
443892.1	3747702.13	0.24	0.00	0.24	0.16	0.00	0.16
443895.6	3747682.77	0.22	0.00	0.23	0.15	0.00	0.15
443893	3747660.76	0.20	0.00	0.21	0.13	0.00	0.14
443893.9	3747640.52	0.20	0.00	0.20	0.13	0.00	0.13
443897.4	3747621.15	0.20	0.00	0.21	0.13	0.00	0.13
443900.1	3747604.43	0.21	0.00	0.21	0.13	0.00	0.13
443899.2	3747585.94	0.20	0.00	0.20	0.12	0.00	0.13
443901.8	3747563.94	0.20	0.00	0.20	0.12	0.00	0.13
443901.8	3747546.33	0.20	0.00	0.20	0.12	0.00	0.12
443904.5	3747526.97	0.20	0.00	0.21	0.12	0.00	0.12
443903.6	3747507.6	0.20	0.00	0.20	0.12	0.00	0.12
443901.8	3747487.36	0.19	0.00	0.19	0.11	0.00	0.11
443905.3	3747466.23	0.19	0.00	0.19	0.11	0.00	0.11
443904.5	3747445.99	0.18	0.00	0.18	0.10	0.00	0.11
443903.6	3747429.26	0.17	0.00	0.17	0.10	0.00	0.10
443904.5	3747407.26	0.17	0.00	0.17	0.10	0.00	0.10
443903.6	3747388.77	0.16	0.00	0.16	0.09	0.00	0.10
443900.9	3747365.01	0.15	0.00	0.16	0.09	0.00	0.09
443894.8	3747341.24	0.14	0.00	0.14	0.08	0.00	0.08
443891.2	3747320.99	0.13	0.00	0.14	0.08	0.00	0.08
443886.8	3747302.51	0.13	0.00	0.13	0.07	0.00	0.08
443883.3	3747278.74	0.12	0.00	0.12	0.07	0.00	0.07
443882.4	3747257.62	0.12	0.00	0.12	0.07	0.00	0.07
443875.4	3747240.89	0.10	0.00	0.11	0.06	0.00	0.06
443862.2	3747223.29	0.08	0.00	0.09	0.05	0.00	0.05
443849	3747203.92	0.07	0.00	0.07	0.04	0.00	0.04
443875.4	3747192.48	0.08	0.00	0.08	0.05	0.00	0.05
443893.9	3747174	0.08	0.00	0.09	0.05	0.00	0.05
443900.9	3747150.23	0.07	0.00	0.07	0.04	0.00	0.04
443879.8	3747124.7	0.05	0.00	0.05	0.03	0.00	0.03
443859.6	3747118.54	0.05	0.00	0.05	0.03	0.00	0.03
443821.7	3747120.3	0.04	0.00	0.04	0.02	0.00	0.03
444137.7	3747581.54	0.36	0.00	0.36	0.21	0.00	0.21
444132.4	3747563.06	0.37	0.00	0.37	0.21	0.00	0.22
444122.7	3747541.93	0.39	0.00	0.39	0.23	0.00	0.23
444115.7	3747514.64	0.39	0.00	0.39	0.22	0.00	0.23
444104.3	3747490.88	0.41	0.00	0.41	0.23	0.00	0.24
444093.7	3747447.75	0.40	0.00	0.40	0.23	0.00	0.23
444089.3	3747432.78	0.39	0.00	0.39	0.23	0.00	0.23
444084	3747410.78	0.38	0.00	0.38	0.22	0.00	0.22

444079.6	3747394.05	0.36	0.00	0.36	0.21	0.00	0.21
444066.4	3747371.17	0.36	0.00	0.36	0.21	0.00	0.21
444065.5	3747356.2	0.33	0.00	0.33	0.19	0.00	0.19
444057.6	3747328.92	0.30	0.00	0.31	0.18	0.00	0.18
444048.8	3747309.55	0.29	0.00	0.30	0.17	0.00	0.17
444041.8	3747289.31	0.28	0.00	0.28	0.16	0.00	0.16
444039.1	3747269.94	0.25	0.00	0.25	0.14	0.00	0.14
444032.1	3747252.34	0.24	0.00	0.24	0.14	0.00	0.14
444026.8	3747232.09	0.22	0.00	0.22	0.13	0.00	0.13
444024.2	3747211.85	0.18	0.00	0.19	0.11	0.00	0.11
444012.7	3747194.24	0.17	0.00	0.17	0.10	0.00	0.10
444009.2	3747178.4	0.14	0.00	0.14	0.08	0.00	0.08
444000.4	3747159.03	0.11	0.00	0.11	0.06	0.00	0.06
443990.7	3747139.67	0.08	0.00	0.09	0.05	0.00	0.05
443987.2	3747122.06	0.07	0.00	0.07	0.04	0.00	0.04
443545	3747753.94	0.07	0.00	0.08	0.10	0.00	0.10
443566.9	3747739.32	0.09	0.00	0.09	0.13	0.00	0.14
443582.8	3747705.21	0.08	0.00	0.08	0.10	0.00	0.10
443608.3	3747662.57	0.07	0.00	0.08	0.10	0.00	0.10
443585.2	3747683.28	0.07	0.00	0.07	0.08	0.00	0.08
443664.4	3747610.18	0.08	0.00	0.09	0.11	0.00	0.11
444061.7	3748396.73	0.31	0.01	0.32	0.22	0.01	0.23
443702.2	3748778.14	0.41	0.00	0.41	0.24	0.00	0.24
443720.9	3748761.68	0.49	0.00	0.49	0.28	0.00	0.29
443735.1	3748748.96	0.56	0.00	0.56	0.32	0.00	0.33
443761.3	3748751.2	0.45	0.00	0.46	0.26	0.00	0.27
443781.5	3748750.46	0.41	0.00	0.42	0.24	0.00	0.24
443799.4	3748733.25	0.49	0.00	0.49	0.28	0.00	0.29
443816.6	3748742.23	0.39	0.00	0.39	0.23	0.00	0.23
443859.3	3748707.06	0.40	0.00	0.41	0.23	0.00	0.24
443854.8	3748660.67	0.59	0.00	0.59	0.34	0.00	0.34
443872	3748652.43	0.51	0.00	0.52	0.30	0.00	0.30
443881.7	3748635.23	0.51	0.00	0.51	0.30	0.00	0.30
443889.2	3748615.02	0.52	0.00	0.53	0.30	0.00	0.31
443912.4	3748586.59	0.48	0.00	0.48	0.28	0.00	0.28
443949.7	3748543.05	0.43	0.00	0.43	0.25	0.00	0.25
443956	3748523.52	0.46	0.00	0.46	0.27	0.00	0.27
443964.6	3748509.45	0.46	0.00	0.46	0.27	0.00	0.27
443975.5	3748496.56	0.45	0.00	0.46	0.27	0.00	0.27
444002.5	3748489.92	0.37	0.00	0.37	0.22	0.00	0.22
443993	3748508.17	0.36	0.00	0.36	0.21	0.00	0.22
443984.3	3748521.95	0.36	0.00	0.36	0.21	0.00	0.22
443976.5	3748538.5	0.35	0.00	0.35	0.21	0.00	0.21
443964.5	3748550.9	0.36	0.00	0.37	0.21	0.00	0.22
443950.3	3748565.15	0.38	0.00	0.38	0.22	0.00	0.23
443942.5	3748583.07	0.37	0.00	0.38	0.22	0.00	0.22
444015.1	3748474.62	0.35	0.00	0.36	0.21	0.00	0.22
444023.8	3748461.29	0.35	0.01	0.35	0.21	0.01	0.22
444033	3748446.13	0.34	0.01	0.34	0.21	0.01	0.21
444049.6	3748429.58	0.31	0.01	0.32	0.20	0.01	0.20
444052.3	3748411.2	0.33	0.01	0.33	0.21	0.01	0.22
443186.9	3748634.7	0.10	0.05	0.14	0.06	0.05	0.11
443201.9	3748608.36	0.10	0.05	0.14	0.06	0.05	0.10
443224.5	3748583.89	0.10	0.05	0.15	0.06	0.05	0.11
443237.7	3748551.9	0.10	0.05	0.15	0.06	0.05	0.11
443250.9	3748525.56	0.10	0.05	0.15	0.06	0.05	0.11
443267.8	3748491.68	0.10	0.04	0.14	0.06	0.04	0.10
443290.4	3748454.05	0.10	0.04	0.14	0.06	0.04	0.10
443299.8	3748416.41	0.09	0.04	0.13	0.05	0.04	0.09
443299.8	3748384.42	0.08	0.03	0.11	0.05	0.03	0.08
443301.7	3748352.43	0.08	0.03	0.11	0.05	0.03	0.08
443305.4	3748320.44	0.07	0.03	0.10	0.04	0.03	0.07
443117.3	3748611.37	0.08	0.01	0.09	0.05	0.01	0.06
443090.7	3748626.39	0.08	0.01	0.09	0.05	0.01	0.06
443162.4	3748585.94	0.08	0.02	0.10	0.05	0.02	0.07
443179.7	3748558.2	0.08	0.02	0.10	0.05	0.02	0.07
443190.1	3748530.47	0.08	0.02	0.10	0.05	0.02	0.07
443205.1	3748494.64	0.08	0.02	0.10	0.05	0.02	0.07
443229.4	3748456.5	0.08	0.02	0.09	0.05	0.02	0.06
443231.7	3748413.74	0.07	0.02	0.09	0.04	0.02	0.06
443252.5	3748389.47	0.07	0.02	0.09	0.04	0.02	0.06
443186.6	3748471.53	0.07	0.01	0.09	0.04	0.01	0.06
443141.6	3748525.85	0.07	0.01	0.08	0.04	0.01	0.05
443138.1	3748498.11	0.06	0.01	0.08	0.04	0.01	0.05
443150.8	3748472.68	0.06	0.01	0.07	0.04	0.01	0.05
443169.3	3748447.26	0.06	0.01	0.07	0.04	0.01	0.05
443183.2	3748419.52	0.06	0.01	0.07	0.04	0.01	0.05
443202.8	3748396.41	0.06	0.01	0.07	0.04	0.01	0.05
443224.8	3748373.29	0.06	0.01	0.08	0.04	0.01	0.05
443238.6	3748345.56	0.06	0.01	0.07	0.04	0.01	0.05
443112.7	3748590.56	0.07	0.01	0.09	0.04	0.01	0.06
443080.3	3748597.5	0.07	0.01	0.08	0.04	0.01	0.05
443072.2	3748572.07	0.06	0.01	0.07	0.04	0.01	0.05
443103.4	3748554.74	0.07	0.01	0.08	0.04	0.01	0.05
443093	3748532.78	0.06	0.01	0.07	0.04	0.01	0.05
444066.1	3748315.51	0.27	0.02	0.30	0.28	0.02	0.30
444098.5	3748350.18	0.26	0.01	0.27	0.27	0.01	0.29
444078.8	3748294.71	0.20	0.04	0.24	0.17	0.04	0.21
444089.2	3748273.9	0.17	0.07	0.23	0.13	0.07	0.20
444096.2	3748253.1	0.14	0.10	0.24	0.11	0.10	0.21
444111.2	3748321.29	0.18	0.02	0.20	0.15	0.02	0.18
444132	3748302.79	0.14	0.03	0.17	0.11	0.03	0.14
444135.5	3748284.3	0.13	0.04	0.17	0.10	0.04	0.14
443313.5	3748260.81	0.06	0.01	0.08	0.04	0.01	0.05
443230.7	3748275.87	0.05	0.01	0.06	0.03	0.01	0.04
443260.8	3748238.23	0.05	0.01	0.06	0.03	0.01	0.04

443274	3748215.65	0.05	0.01	0.06	0.03	0.01	0.04
443304.1	3748178.01	0.05	0.01	0.06	0.03	0.01	0.04
443198.7	3748330.44	0.05	0.01	0.06	0.03	0.01	0.04
443155.4	3748373.72	0.05	0.01	0.06	0.03	0.01	0.04
443119.7	3748411.36	0.05	0.01	0.06	0.03	0.01	0.04
443100.9	3748441.47	0.05	0.01	0.06	0.03	0.01	0.04
443093.3	3748477.23	0.06	0.01	0.06	0.03	0.01	0.04
443080.2	3748501.69	0.06	0.01	0.07	0.03	0.01	0.04
443718.1	3747857.82	0.09	0.01	0.09	0.09	0.01	0.09
443737.8	3747882.38	0.09	0.01	0.10	0.09	0.01	0.10
443765.3	3747898.1	0.09	0.01	0.10	0.09	0.01	0.10
443754.5	3747918.73	0.09	0.01	0.10	0.10	0.01	0.11
443696.5	3747826.38	0.08	0.00	0.09	0.09	0.00	0.09
443672.9	3747804.77	0.08	0.00	0.08	0.09	0.00	0.09
443727	3747844.07	0.09	0.01	0.09	0.08	0.01	0.09
443710.3	3747771.37	0.08	0.00	0.09	0.08	0.00	0.09
443737.8	3747790.04	0.09	0.00	0.09	0.08	0.00	0.09
443746.6	3747808.7	0.09	0.01	0.10	0.08	0.01	0.09
443762.3	3747821.47	0.10	0.01	0.10	0.09	0.01	0.09
443787.9	3747845.05	0.10	0.01	0.11	0.09	0.01	0.10
443800.6	3747866.66	0.11	0.01	0.12	0.09	0.01	0.10
443806.5	3747929.54	0.09	0.02	0.11	0.08	0.02	0.10
443520.6	3747701.59	0.05	0.00	0.05	0.05	0.00	0.05
443551.6	3747661.73	0.05	0.00	0.05	0.05	0.00	0.05
443591.5	3747635.16	0.06	0.00	0.06	0.06	0.00	0.06
443836.5	3747717.7	0.17	0.00	0.18	0.15	0.00	0.15
443840.7	3747688.6	0.16	0.00	0.17	0.13	0.00	0.13
443841.4	3747663.76	0.15	0.00	0.15	0.11	0.00	0.12
443804.5	3747670.15	0.13	0.00	0.14	0.12	0.00	0.12
443787.5	3747657.37	0.12	0.00	0.12	0.12	0.00	0.12
443777.6	3747633.95	0.10	0.00	0.11	0.10	0.00	0.10
443744.9	3747619.04	0.10	0.00	0.10	0.10	0.00	0.11
443761.9	3747606.26	0.09	0.00	0.09	0.08	0.00	0.08
443844.3	3747623.3	0.13	0.00	0.13	0.09	0.00	0.10
443847.1	3747599.88	0.13	0.00	0.13	0.09	0.00	0.09
443852.8	3747578.58	0.13	0.00	0.13	0.08	0.00	0.09
443850	3747558	0.12	0.00	0.13	0.08	0.00	0.08
443850	3747537.41	0.12	0.00	0.12	0.08	0.00	0.08
443854.9	3747518.25	0.12	0.00	0.13	0.08	0.00	0.08
443847.1	3747495.53	0.11	0.00	0.11	0.07	0.00	0.07
443853.5	3747478.5	0.11	0.00	0.12	0.07	0.00	0.07
443850.7	3747457.2	0.11	0.00	0.11	0.07	0.00	0.07
443854.2	3747438.75	0.11	0.00	0.11	0.07	0.00	0.07
443850	3747397.58	0.10	0.00	0.10	0.06	0.00	0.06
443854.2	3747418.16	0.11	0.00	0.11	0.06	0.00	0.07
443853.5	3747378.41	0.10	0.00	0.10	0.06	0.00	0.06
443843.6	3747336.54	0.09	0.00	0.09	0.05	0.00	0.05
443836.5	3747315.24	0.08	0.00	0.08	0.05	0.00	0.05
443829.4	3747296.08	0.08	0.00	0.08	0.05	0.00	0.05
443828	3747274.07	0.07	0.00	0.07	0.04	0.00	0.04
443816.6	3747254.2	0.06	0.00	0.07	0.04	0.00	0.04
443806	3747236.45	0.06	0.00	0.06	0.03	0.00	0.04
443803.1	3747219.42	0.05	0.00	0.06	0.03	0.00	0.03
443838.6	3747186.06	0.06	0.00	0.06	0.04	0.00	0.04
443838.6	3747171.15	0.05	0.00	0.06	0.03	0.00	0.03
443970.7	3747984.97	0.10	0.12	0.22	0.07	0.12	0.19
443980.6	3747995.62	0.10	0.12	0.21	0.07	0.12	0.19
443994.8	3748014.08	0.09	0.12	0.21	0.07	0.12	0.19
444006.2	3748026.85	0.09	0.12	0.21	0.06	0.12	0.18
444016.8	3748040.34	0.08	0.12	0.21	0.06	0.12	0.19
444040.3	3748051.7	0.08	0.10	0.18	0.06	0.10	0.16
444048.8	3748065.9	0.08	0.11	0.19	0.06	0.11	0.17
444060.1	3748085.77	0.08	0.12	0.20	0.06	0.12	0.18
444079.3	3748100.68	0.08	0.11	0.19	0.06	0.11	0.17
444088.5	3748117	0.09	0.12	0.20	0.06	0.12	0.18
444101.3	3748132.62	0.09	0.12	0.21	0.06	0.12	0.18
444114.8	3748147.53	0.09	0.12	0.21	0.06	0.12	0.19
444129.7	3748161.72	0.09	0.12	0.21	0.06	0.12	0.19
444141.8	3748177.34	0.09	0.12	0.21	0.06	0.12	0.19
444158.1	3748180.89	0.08	0.10	0.18	0.06	0.10	0.16
444169.5	3748204.31	0.09	0.09	0.17	0.06	0.09	0.15
444190	3748217.09	0.08	0.06	0.14	0.06	0.06	0.11
444192.8	3748193.06	0.08	0.05	0.13	0.05	0.05	0.10
444195.3	3748122.7	0.07	0.03	0.10	0.05	0.03	0.08
444008.7	3747956.49	0.12	0.04	0.17	0.08	0.04	0.13
444019.3	3747969.98	0.11	0.05	0.15	0.07	0.05	0.12
444042.8	3747981.34	0.10	0.04	0.14	0.07	0.04	0.11
444051.3	3747995.53	0.09	0.04	0.13	0.06	0.04	0.11
444062.6	3748015.41	0.08	0.05	0.13	0.06	0.05	0.11
444081.8	3748030.32	0.08	0.05	0.13	0.06	0.05	0.11
444091	3748046.64	0.08	0.05	0.13	0.06	0.05	0.11
444103.8	3748062.26	0.08	0.05	0.13	0.06	0.05	0.11
444117.3	3748077.17	0.08	0.05	0.13	0.05	0.05	0.11
444132.2	3748091.36	0.08	0.05	0.13	0.05	0.05	0.11
444144.3	3748106.98	0.08	0.05	0.13	0.05	0.05	0.11
444160.6	3748110.53	0.07	0.05	0.12	0.05	0.05	0.10
444171.9	3748133.95	0.07	0.05	0.12	0.05	0.05	0.10
444192.5	3748146.73	0.07	0.04	0.11	0.05	0.04	0.09
444143.4	3748498.9	0.17	0.00	0.17	0.13	0.00	0.13
444154	3748512.39	0.16	0.00	0.16	0.12	0.00	0.13
444177.5	3748523.75	0.15	0.00	0.15	0.13	0.00	0.13
444186	3748537.95	0.14	0.00	0.15	0.12	0.00	0.13
444197.3	3748557.82	0.13	0.00	0.14	0.11	0.00	0.12
444216.5	3748572.73	0.13	0.00	0.13	0.12	0.00	0.12
444225.7	3748589.06	0.12	0.00	0.12	0.11	0.00	0.11
444238.5	3748604.67	0.12	0.00	0.12	0.11	0.00	0.11

444252	3748619.58	0.11	0.00	0.12	0.11	0.00	0.11
444266.9	3748633.77	0.11	0.00	0.11	0.11	0.00	0.11
444279	3748649.39	0.11	0.00	0.11	0.11	0.00	0.11
444295.3	3748652.94	0.12	0.00	0.12	0.14	0.00	0.14
444306.7	3748676.37	0.11	0.00	0.12	0.14	0.00	0.14
444237.7	3748593.44	0.12	0.00	0.13	0.12	0.00	0.12
444061.7	3748440.72	0.27	0.01	0.28	0.18	0.01	0.18
444085.1	3748452.08	0.23	0.01	0.23	0.16	0.01	0.16
444093.6	3748466.28	0.21	0.01	0.22	0.15	0.01	0.15
444105	3748486.15	0.19	0.00	0.20	0.13	0.00	0.14
444124.1	3748501.06	0.17	0.00	0.18	0.12	0.00	0.13
444133.4	3748517.39	0.16	0.00	0.17	0.12	0.00	0.12
444146.1	3748533	0.15	0.00	0.16	0.11	0.00	0.11
444159.6	3748547.91	0.14	0.00	0.15	0.10	0.00	0.11
444174.5	3748562.11	0.13	0.00	0.14	0.10	0.00	0.10
444186.6	3748577.72	0.13	0.00	0.13	0.10	0.00	0.10
444202.9	3748581.27	0.12	0.00	0.13	0.10	0.00	0.10
444214.3	3748604.7	0.11	0.00	0.12	0.09	0.00	0.10
444234.9	3748617.47	0.11	0.00	0.11	0.10	0.00	0.10
443957.6	3748095.6	0.11	0.12	0.22	0.09	0.12	0.21
443123	3748822.03	0.00	0.01	0.01	0.00	0.01	0.01
443098	3748847.03	0.00	0.01	0.01	0.00	0.01	0.01
443123	3748847.03	0.00	0.01	0.01	0.00	0.01	0.01
443073	3748872.03	0.00	0.00	0.00	0.00	0.00	0.00
443098	3748872.03	0.00	0.00	0.00	0.00	0.00	0.00
443123	3748872.03	0.00	0.00	0.00	0.00	0.00	0.00
443048	3748897.03	0.00	0.00	0.00	0.00	0.00	0.00
443073	3748897.03	0.00	0.00	0.00	0.00	0.00	0.00
443098	3748897.03	0.00	0.00	0.00	0.00	0.00	0.00
443123	3748897.03	0.00	0.00	0.00	0.00	0.00	0.00
443028.8	3748928.79	0.00	0.00	0.00	0.00	0.00	0.00
443048	3748922.03	0.00	0.00	0.00	0.00	0.00	0.00
443073	3748922.03	0.00	0.00	0.00	0.00	0.00	0.00
443098	3748922.03	0.00	0.00	0.00	0.00	0.00	0.00
443123	3748922.03	0.00	0.00	0.00	0.00	0.00	0.00
443148	3748922.03	0.00	0.00	0.00	0.00	0.00	0.00
443173	3748922.03	0.00	0.00	0.00	0.00	0.00	0.00
443003.5	3748951.02	0.00	0.00	0.00	0.00	0.00	0.00
443023	3748947.03	0.00	0.00	0.00	0.00	0.00	0.00
443048	3748947.03	0.00	0.00	0.00	0.00	0.00	0.00
443073	3748947.03	0.00	0.00	0.00	0.00	0.00	0.00
443098	3748947.03	0.00	0.00	0.00	0.00	0.00	0.00
443123	3748947.03	0.00	0.00	0.00	0.00	0.00	0.00
443148	3748947.03	0.00	0.00	0.00	0.00	0.00	0.00
443173	3748947.03	0.00	0.00	0.00	0.00	0.00	0.00
442977.3	3748975.72	0.00	0.00	0.00	0.00	0.00	0.00
442998	3748972.03	0.00	0.00	0.00	0.00	0.00	0.00
443023	3748972.03	0.00	0.00	0.00	0.00	0.00	0.00
443048	3748972.03	0.00	0.00	0.00	0.00	0.00	0.00
443073	3748972.03	0.00	0.00	0.00	0.00	0.00	0.00
443098	3748972.03	0.00	0.00	0.00	0.00	0.00	0.00
443123	3748972.03	0.00	0.00	0.00	0.00	0.00	0.00
443148	3748972.03	0.00	0.00	0.00	0.00	0.00	0.00
443173	3748972.03	0.00	0.00	0.00	0.00	0.00	0.00
442948	3748997.03	0.00	0.00	0.00	0.00	0.00	0.00
442973	3748997.03	0.00	0.00	0.00	0.00	0.00	0.00
442998	3748997.03	0.00	0.00	0.00	0.00	0.00	0.00
443023	3748997.03	0.00	0.00	0.00	0.00	0.00	0.00
443048	3748997.03	0.00	0.00	0.00	0.00	0.00	0.00
443073	3748997.03	0.00	0.00	0.00	0.00	0.00	0.00
443098	3748997.03	0.00	0.00	0.00	0.00	0.00	0.00
443123	3748997.03	0.00	0.00	0.00	0.00	0.00	0.00
443148	3748997.03	0.00	0.00	0.00	0.00	0.00	0.00
442923	3749022.03	0.00	0.00	0.00	0.00	0.00	0.00
442948	3749022.03	0.00	0.00	0.00	0.00	0.00	0.00
442973	3749022.03	0.00	0.00	0.00	0.00	0.00	0.00
442998	3749022.03	0.00	0.00	0.00	0.00	0.00	0.00
443023	3749022.03	0.00	0.00	0.00	0.00	0.00	0.00
443048	3749022.03	0.00	0.00	0.00	0.00	0.00	0.00
443073	3749022.03	0.00	0.00	0.00	0.00	0.00	0.00
443102.3	3749028.48	0.00	0.00	0.00	0.00	0.00	0.00
443118.1	3749011.89	0.00	0.00	0.00	0.00	0.00	0.00
442918.4	3749057.17	0.00	0.00	0.00	0.00	0.00	0.00
442947.1	3749054.1	0.00	0.00	0.00	0.00	0.00	0.00
442973	3749047.03	0.00	0.00	0.00	0.00	0.00	0.00
442998	3749047.03	0.00	0.00	0.00	0.00	0.00	0.00
443019	3749057.17	0.00	0.00	0.00	0.00	0.00	0.00
443043.7	3749053.18	0.00	0.00	0.00	0.00	0.00	0.00
443073	3749047.03	0.00	0.00	0.00	0.00	0.00	0.00
442904.7	3749080.33	0.00	0.00	0.00	0.00	0.00	0.00
442925.7	3749077.56	0.00	0.00	0.00	0.00	0.00	0.00
442948	3749072.03	0.00	0.00	0.00	0.00	0.00	0.00
442972.7	3749064.96	0.00	0.00	0.00	0.00	0.00	0.00
CONCUNIT	m^3	0.00	0.00	0.00	0.00	0.00	0.00
DEPUNIT	g 2	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0.00	0.00	0.00	0.00	0.00	0.00

Trails of Corona **No Mitigation**

Construction Annual DPM Emissions (as PM10 Exhaust)

Construction Scheduling **2019**

8	hours/day	
5	days/week	
52	weeks/year	start from 1/1/2019
2080	hours/year	

Onsite Construction Area Source Size (m2): 276500 from AERMOD

Onsite Construction PM10 Emissions

2019 Construction Activity	Onsite Annual DPM Exhaust Emissions (tons/year)	Onsite Annual DPM Exhaust Emissions (g/sec)	Onsite DPM Source Exhaust Emissions (g/m2-sec)
Demolistion	2.690E-02	3.262E-03	1.180E-08
Site Preparation	7.170E-02	8.694E-03	3.144E-08
Grading	1.847E-01	2.240E-02	8.100E-08
Building Construction	1.030E-02	1.249E-03	4.517E-09
Total	**2.936E-01**	**3.560E-02**	**1.288E-07**

Offsite Construction Vehicle PM10 Emissions

2019 Construction Activity	Offsite Hauling Annual DPM Exhaust Emissions (tons/year)	Offsite Vendor Annual DPM Exhaust Emissions (tons/year)	Offsite Workers Annual DPM Exhaust Emissions (tons/year)	
Demolistion	1.000E-05	0.000E+00	2.000E-05	
Site Preparation	0.000E+00	0.000E+00	4.000E-05	
Grading	5.100E-04	0.000E+00	1.100E-04	
Building Construction	0.000E+00	6.200E-04	1.900E-04	
Total (tons/year)	**5.200E-04**	**6.200E-04**	**3.600E-04**	**1.500E-03**
Trip Distance assumed in CalEEMod (mi)	20.0	7.3	10.8	
Offsite Project Trip Distance Along Roadway Segment Project>Serfas Club Drive>US91 (mi)	0.21	0.21	0.21	
Offsite Project Trip Distance Along Roadway Segment Project>Paseo Grande>US91 (mi)	1.37	1.37	1.37	
Offsite Project Emissions Along Roadway Segment Project>Serfas Club Drive (tons/year)	**2.780E-06**	**9.080E-06**	**3.564E-06**	
Offsite Project Emissions Along Roadway Segment Project>Paseo Grander (tons/year)	**1.786E-05**	**5.833E-05**	**2.289E-05**	

Offsite Emissions Along Roadway Segment Analyzed	
Total Offsite Project Exhaust Emissions (tons/year)	1.542E-05
Total Offsite Project Exhaust Emissions (grams/sec)	**1.870E-06**
Total Offsite Project Exhaust Emissions (tons/year)	9.907E-05
Total Offsite Project Exhaust Emissions (grams/sec)	**1.201E-05**

Onsite Exhaust Emissions (tons/year)	2.936E-01
Total Onsite Emissions (tons/year)	2.936E-01
Onsite Exhaust Emissions (g/m2-sec)	**1.288E-07**

Total PM@10 Exhaust (tons/year)	2.936E-01

	Site size (m2)	Emission Rate (g/m2-sec)
PA1	45146	2.102E-08
PA3	145894.6	6.794E-08
PA6	85459.4	3.980E-08
Total	276500	

Trails of Corona **No Mitigation**

Construction Annual DPM Emissions (as PM10 Exhaust)

Construction Scheduling	**2020**	
	8	hours/day
	5	days/week
	52	weeks/year
	2080	hours/year

Onsite Construction Area Source Size (m2): 276500.00

Onsite Construction PM10 Emissions

2020	**Construction Activity**	**Onsite Annual DPM Exhaust Emissions (tons/year)**	**Onsite Annual DPM Exhaust Emissions (g/sec)**	**Onsite DPM Source Exhaust Emissions (g/m2-sec)**
	Building Construction	1.463E-01	1.774E-02	6.416E-08
	Total	**1.463E-01**	**1.774E-02**	**6.416E-08**

Offsite Construction Vehicle PM10 Emissions

2020	**Construction Activity**	**Offsite Hauling Annual DPM Exhaust Emissions (tons/year)**	**Offsite Vendor Annual DPM Exhaust Emissions (tons/year)**	**Offsite Workers Annual DPM Exhaust Emissions (tons/year)**	
	Building Construction	0.000E+00	6.860E-03	2.900E-03	
	Total (tons/year)	**0.000E+00**	**6.860E-03**	**2.900E-03**	**9.760E-03**
	Trip Distance assumed in CalEEMod (mi)	20.0	7.3	10.8	
	Offsite Project Trip Distance Project>Serfas Club Drive>US91 (mi)	0.21	0.21	0.21	
	Offsite Project Trip Distance Along Roadway Segment Project>Paseo Grande>US91 (mi)	1.37	1.37	1.37	
	Offsite Project Emissions Along Roadway Segment Project>Serfas Club Drive (tons/year)	**0.000E+00**	**2.009E-04**	**5.741E-05**	
	Offsite Project Emissions Along Roadway Segment Project>Paseo Grander (tons/year)	**0.000E+00**	**1.291E-03**	**3.688E-04**	

Emissions Along Roadway Segment	
Offsite Project Exhaust Emissions (tons/year)	**2.583E-04**
Offsite Project Exhaust Emissions (grams/sec)	**3.133E-05**
Offsite Project Exhaust Emissions (tons/year)	**1.660E-03**
Offsite Project Exhaust Emissions (grams/sec)	**2.012E-04**

Onsite Exhaust Emissions (tons/year)	**1.463E-01**
Total Onsite Emissions (tons/year)	**1.463E-01**
Onsite Exhaust Emissions (g/m2-sec)	**6.416E-08**

Total PM@10 Exhaust (tons/year)	1.466E-01
Total PM10 (tons/year)	**1.466E-01**

	Site size	**Emission Rate**
PA1	45146	1.048E-08
PA3	145894.6	3.385E-08
PA6	85459.4	1.983E-08
	276500	

Trails of Corona **No Mitigation**

Construction Annual DPM Emissions (as PM10 Exhaust)

Construction Scheduling	**2021**	
	8	hours/day
	5	days/week
	52	weeks/year
	2080	hours/year

Onsite Construction Area Source Size (m2): 276500.00

Onsite Construction PM10 Emissions

2021		**Onsite**	**Onsite**	**Onsite DPM**
	Construction Activity	**Annual DPM**	**Annual DPM**	**Source Exhaust**
		Exhaust Emissions	**Exhaust Emissions**	**Emissions**
		(tons/year)	**(g/sec)**	**(g/m2-sec)**
	Building Construction	1.251E-01	1.517E-02	5.486E-08
	Total	**1.251E-01**	**1.517E-02**	**5.486E-08**

Offsite Construction Vehicle PM10 Emissions

2021		**Offsite Hauling**	**Offsite Vendor**	**Offsite Workers**	
		Annual DPM	**Annual DPM**	**Annual DPM**	
	Construction Activity	**Exhaust Emissions**	**Exhaust Emissions**	**Exhaust Emissions**	
		(tons/year)	**(tons/year)**	**(tons/year)**	
	Building Construction	0.000E+00	2.070E-03	2.900E-03	
	0				
	0				
	Total (tons/year)	**0.000E+00**	**2.070E-03**	**2.900E-03**	**4.970E-03**
	Trip Distance assumed in CalEEMod (mi)	20.0	7.3	10.8	
	Offsite Project Trip Distance Project>Serfas Club Drive>US91 (mi)	0.21	0.21	0.21	
	Offsite Project Trip Distance Along Roadway Segment Project>Paseo Grande>US91 (mi)	1.37	1.37	1.37	
	Offsite Project Emissions Project>Serfas Club Drive (tons/year)	**0.000E+00**	**6.063E-05**	**5.741E-05**	
	Offsite Project Emissions Along Roadway Segment Project>Paseo Grander (tons/year)	**0.000E+00**	**3.895E-04**	**3.688E-04**	

Emissions Along Roadway Segment	
Offsite Project Exhaust Emissions (tons/year)	**1.180E-04**
Offsite Project Exhaust Emissions (grams/sec)	**1.431E-05**
Offsite Project Exhaust Emissions (tons/year)	**7.583E-04**
Offsite Project Exhaust Emissions (grams/sec)	**9.195E-05**

Onsite Exhaust Emissions (tons/year)	**1.251E-01**
Total Onsite Emissions (tons/year)	**1.251E-01**
Onsite Exhaust Emissions (g/m2-sec)	**5.486E-08**

Total PM@10 Exhaust (tons/year)	1.252E-01
Total PM10 (tons/year)	**1.252E-01**

	Site size	**Emission Rate**
PA1	45146	1.698E-08
PA3	145894.6	5.486E-08
PA6	85459.4	3.214E-08
	145894.6	

Trails of Corona **No Mitigation**

Construction Annual DPM Emissions (as PM10 Exhaust)

Construction Scheduling	**2022**	
	8	hours/day
	5	days/week
	52	weeks/year
	2080	hours/year

Onsite Construction Area Source Size (m2): 276500.00

Onsite Construction PM10 Emissions

2022		**Onsite**	**Onsite**	**Onsite DPM**
	Construction Activity	**Annual DPM**	**Annual DPM**	**Source Exhaust**
		Exhaust Emissions	**Exhaust Emissions**	**Emissions**
		(tons/year)	**(g/sec)**	**(g/m2-sec)**
	Building Construction	1.052E-01	1.276E-02	4.614E-08
	Total	**1.052E-01**	**1.276E-02**	**4.614E-08**

Offsite Construction Vehicle PM10 Emissions

2022		**Offsite Hauling**	**Offsite Vendor**	**Offsite Workers**	
		Annual DPM	**Annual DPM**	**Annual DPM**	
	Construction Activity	**Exhaust Emissions**	**Exhaust Emissions**	**Exhaust Emissions**	
		(tons/year)	**(tons/year)**	**(tons/year)**	
	Building Construction	0.000E+00	1.740E-03	2.810E-03	
	0				
	0				
	Total (tons/year)	**0.000E+00**	**1.740E-03**	**2.810E-03**	**4.550E-03**
	Trip Distance assumed in CalEEMod (mi)	20.0	7.3	10.8	
	Offsite Project Trip Distance Project>Serfas Club Drive>US91 (mi)	0.21	0.21	0.21	
	Offsite Project Trip Distance Along Roadway Segment Project>Paseo Grande>US91 (mi)	1.37	1.37	1.37	
	Offsite Project Emissions Project>Serfas Club Drive (tons/year)	**0.000E+00**	**5.097E-05**	**5.563E-05**	
	Offsite Project Emissions Along Roadway Segment Project>Paseo Grander (tons/year)	**0.000E+00**	**3.274E-04**	**3.574E-04**	

Emissions Along Roadway Segment	
Offsite Project Exhaust Emissions (tons/year)	**1.066E-04**
Offsite Project Exhaust Emissions (grams/sec)	**1.293E-05**
Offsite Project Exhaust Emissions (tons/year)	**6.847E-04**
Offsite Project Exhaust Emissions (grams/sec)	**8.303E-05**

Onsite Exhaust Emissions (tons/year)	**1.052E-01**
Total Onsite Emissions (tons/year)	**1.052E-01**
Onsite Exhaust Emissions (g/m2-sec)	**4.614E-08**

Total PM@10 Exhaust (tons/year)	1.053E-01
Total PM10 (tons/year)	**1.053E-01**

	Site size	**Emission Rate**
PA1	45146	1.428E-08
PA3	145894.6	4.614E-08
PA6	85459.4	2.702E-08
	145894.6	

Trails of Corona **No Mitigation**

Construction Annual DPM Emissions (as PM10 Exhaust)

Construction Scheduling	**2023**	
	8	hours/day
	5	days/week
	52	weeks/year
	2080	hours/year

Onsite Construction Area Source Size (m2): 276500.00

Onsite Construction PM10 Emissions

		Onsite	Onsite	Onsite DPM
2023	**Construction Activity**	**Annual DPM Exhaust Emissions (tons/year)**	**Annual DPM Exhaust Emissions (g/sec)**	**Source Exhaust Emissions (g/m2-sec)**
	Building Construction	9.100E-02	1.103E-02	3.991E-08
	Total	**9.100E-02**	**1.103E-02**	**3.991E-08**

Offsite Construction Vehicle PM10 Emissions

		Offsite Hauling	Offsite Vendor	Offsite Workers	
2023		**Annual DPM**	**Annual DPM**	**Annual DPM**	
	Construction Activity	**Exhaust Emissions (tons/year)**	**Exhaust Emissions (tons/year)**	**Exhaust Emissions (tons/year)**	
	Building Construction	0.000E+00	7.700E-04	2.740E-03	
	0				
	0				
	Total (tons/year)	**0.000E+00**	**7.700E-04**	**2.740E-03**	**3.510E-03**
	Trip Distance assumed in CalEEMod (mi)	20.0	7.3	10.8	
	Offsite Project Trip Distance Project>Serfas Club Drive>US91 (mi)	0.21	0.21	0.21	
	Offsite Project Trip Distance Along Roadway Segment Project>Paseo Grande>US91 (mi)	1.37	1.37	1.37	
	Offsite Project Emissions Project>Serfas Club Drive (tons/year)	**0.000E+00**	**2.255E-05**	**5.425E-05**	
	Offsite Project Emissions Along Roadway Segment Project>Paseo Grander (tons/year)	**0.000E+00**	**1.449E-04**	**3.485E-04**	

Emissions Along Roadway Segment	
Offsite Project Exhaust Emissions (tons/year)	**7.680E-05**
Offsite Project Exhaust Emissions (grams/sec)	**9.313E-06**
Offsite Project Exhaust Emissions (tons/year)	**4.933E-04**
Offsite Project Exhaust Emissions (grams/sec)	**5.982E-05**

Onsite Exhaust Emissions (tons/year)	**9.100E-02**
Total Onsite Emissions (tons/year)	**9.100E-02**
Onsite Exhaust Emissions (g/m2-sec)	**3.991E-08**

Total PM@10 Exhaust (tons/year)	9.108E-02
Total PM10 (tons/year)	**9.108E-02**

	Site size	**Emission Rate**
PA1	45146	1.235E-08
PA3	145894.6	3.991E-08
PA6	85459.4	2.338E-08
	145894.6	

Trails of Corona **No Mitigation**

Construction Annual DPM Emissions (as PM10 Exhaust)

Construction Scheduling	**2024**
	8 hours/day
	5 days/week
	52 weeks/year
	2080 hours/year

Onsite Construction Area Source Size (m2): 276500.00

Onsite Construction PM10 Emissions

2024	**Construction Activity**	**Onsite Annual DPM Exhaust Emissions (tons/year)**	**Onsite Annual DPM Exhaust Emissions (g/sec)**	**Onsite DPM Source Exhaust Emissions (g/m2-sec)**
	Building Construction	1.560E-02	1.892E-03	6.841E-09
	Paving	2.580E-02	3.129E-03	1.131E-08
	Architectural Coating	2.280E-03	2.765E-04	9.999E-10
	Total	**4.368E-02**	**5.297E-03**	**1.916E-08**

Offsite Construction Vehicle PM10 Emissions

2024	**Construction Activity**	**Offsite Hauling Annual DPM Exhaust Emissions (tons/year)**	**Offsite Vendor Annual DPM Exhaust Emissions (tons/year)**	**Offsite Workers Annual DPM Exhaust Emissions (tons/year)**	
	Building Construction	0.000E+00	1.500E-04	5.300E-04	
	Paving	0.000E+00	0.000E+00	5.000E-05	
	Architectural Coating	0.000E+00	0.000E+00	1.600E-04	
	Total (tons/year)	**0.000E+00**	**1.500E-04**	**7.400E-04**	**8.900E-04**
	Trip Distance assumed in CalEEMod (mi)	20.0	7.3	10.8	
	Offsite Project Trip Distance	0.21	0.21	0.21	
	Project>Serfas Club Drive>US91 (mi)				
	Offsite Project Trip Distance Along Roadway Segment	1.37	1.37	1.37	
	Project>Paseo Grande>US91 (mi)				
	Offsite Project Emissions	**0.000E+00**	**4.394E-06**	**1.465E-05**	
	Project>Dry Creek Rd>US101 (tons/year)				
	Offsite Project Emissions Along Roadway Segment	**0.000E+00**	**2.822E-05**	**9.411E-05**	
	Project>Paseo Grander (tons/year)				

Emissions Along Roadway Segment	
Offsite Project Exhaust Emissions (tons/year)	**1.904E-05**
Offsite Project Exhaust Emissions (grams/sec)	**2.309E-06**
Offsite Project Exhaust Emissions (tons/year)	**1.223E-04**
Offsite Project Exhaust Emissions (grams/sec)	**1.483E-05**

Onsite Exhaust Emissions (tons/year)	**4.368E-02**
Total Onsite Emissions (tons/year)	**4.368E-02**
Onsite Exhaust Emissions (g/m2-sec)	**1.916E-08**

Total PM@10 Exhaust (tons/year)	4.370E-02
Total PM10 (tons/year)	**4.370E-02**

	Site size	**Emission Rate**
PA1	45146	5.928E-09
PA3	145894.6	1.916E-08
PA6	85459.4	1.122E-08
	145894.6	

Trails of Corona

2019

No Mitigation

At Sensitive Receptors

Construction Annual DPM Emissions (as PM10 Exhaust)

X (m)	Y (m)	Onsite PA1,2 Annual DPM Exhaust w/Unit Emissions (ug/m3)	Onsite PA3 Annual DPM Exhaust w/Unit Emissions (ug/m3)	Onsite PA6 Annual DPM Exhaust w/Unit Emissions (ug/m3)	Onsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite L1 Annual DPM Exhaust w/Unit Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite L2 Annual DPM Exhaust w/Unit Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Total DPM (ug/m3)
443543.62	3748016.2	3051.87238	23345.5339	8759.53826	0.00453	0.07477	1.39839E-07	0.41552	4.99196E-06	0.00453
443581.38	3748016.2	2959.83062	24234.74963	9427.49943	0.00472	0.07287	1.36286E-07	0.52827	6.34651E-06	0.00472
443619.14	3748016.2	2891.7748	25446.23889	10240.70159	0.00497	0.07096	1.32713E-07	0.69873	8.39438E-06	0.00498
443656.9	3748016.2	2835.89562	26863.73701	11218.37479	0.00527	0.06920	1.29422E-07	0.98771	1.18661E-05	0.00528
443694.66	3748016.2	2791.06475	28608.81417	12436.29526	0.00564	0.06805	1.27271E-07	1.56020	1.87439E-05	0.00566
443732.42	3748016.2	2691.90488	29453.66909	13537.75947	0.00588	0.06551	1.22521E-07	3.41537	4.10315E-05	0.00592
443543.62	3748046.66	3176.71233	25600.87524	8119.79984	0.00475	0.07866	1.47114E-07	0.36211	4.35030E-06	0.00476
443581.38	3748046.66	3083.83924	26794.38569	8671.88591	0.00496	0.07661	1.43280E-07	0.44715	5.37196E-06	0.00497
443619.14	3748046.66	3009.35861	28311.84131	9321.08586	0.00523	0.07449	1.39315E-07	0.56902	6.83607E-06	0.00524
443656.9	3748046.66	2952.89132	30276.44204	10111.80976	0.00558	0.07289	1.36323E-07	0.75771	9.10295E-06	0.00559
443694.66	3748046.66	2907.90978	32798.48167	11102.69315	0.00603	0.07199	1.34640E-07	1.07871	1.29594E-05	0.00604
443732.42	3748046.66	2794.17962	34085.30233	11875.95554	0.00628	0.06933	1.29665E-07	1.85184	2.22476E-05	0.00630
443543.62	3748077.12	3328.86225	28534.79197	7541.22787	0.00507	0.08341	1.55998E-07	0.31914	3.83407E-06	0.00508
443581.38	3748077.12	3229.89668	30076.50646	8009.71103	0.00532	0.08112	1.51715E-07	0.38525	4.62830E-06	0.00532
443619.14	3748077.12	3150.09184	32073.81454	8536.6373	0.00563	0.07893	1.47619E-07	0.47585	5.71675E-06	0.00564
443656.9	3748077.12	3055.97759	34022.44818	9071.75121	0.00594	0.07628	1.42663E-07	0.61043	7.33356E-06	0.00595
443694.66	3748077.12	2993.17018	37118.65029	9771.44274	0.00642	0.07513	1.40512E-07	0.82192	9.87435E-06	0.00643
443732.42	3748077.12	2865.03975	39049.40445	10322.34596	0.00673	0.07229	1.35201E-07	1.24369	1.49414E-05	0.00674
443543.62	3748107.58	3502.01604	32208.57708	6954.32587	0.00549	0.08886	1.66191E-07	0.28422	3.41455E-06	0.00550
443581.38	3748107.58	3383.71567	34025.10475	7360.35812	0.00576	0.08600	1.60842E-07	0.33721	4.05116E-06	0.00577
443619.14	3748107.58	3254.89463	35777.73937	7729.26283	0.00602	0.08232	1.53960E-07	0.40813	4.90318E-06	0.00603
443656.9	3748107.58	3145.89465	38263.79007	8119.43727	0.00638	0.07943	1.48555E-07	0.50715	6.09278E-06	0.00638
443694.66	3748107.58	3073.1631	42346.72004	8628.02276	0.00696	0.07834	1.46516E-07	0.65526	7.87214E-06	0.00697
443732.42	3748107.58	2931.9767	45245.48883	9035.01454	0.00737	0.07534	1.40905E-07	0.91330	1.09722E-05	0.00738
443543.62	3748138.04	3667.91307	36297.6244	6416.33538	0.00597	0.09424	1.76253E-07	0.25588	3.07408E-06	0.00598
443581.38	3748138.04	3509.30105	38086.04408	6739.44277	0.00622	0.09014	1.68585E-07	0.29950	3.59812E-06	0.00623
443619.14	3748138.04	3362.02744	40314.22796	7012.8633	0.00653	0.08599	1.60823E-07	0.35541	4.26981E-06	0.00653
443656.9	3748138.04	3243.78664	43766.98158	7312.41523	0.00699	0.08313	1.55474E-07	0.43068	5.17409E-06	0.00700
443694.66	3748138.04	3153.43816	49055.84969	7660.8927	0.00771	0.08181	1.53006E-07	0.53911	6.47674E-06	0.00772
443732.42	3748138.04	3002.50082	53528.11537	7941.28152	0.00830	0.07872	1.47227E-07	0.71038	8.53434E-06	0.00831
443543.62	3748168.5	3819.07192	40743.90308	5928.71067	0.00650	0.09937	1.85847E-07	0.23252	2.79344E-06	0.00650
443581.38	3748168.5	3647.75085	43213.62564	6179.63709	0.00683	0.09492	1.77525E-07	0.26851	3.22582E-06	0.00683
443619.14	3748168.5	3479.88215	46161.94622	6395.9037	0.00722	0.09031	1.68903E-07	0.31357	3.76716E-06	0.00722
443656.9	3748168.5	3351.86714	51051.57587	6635.70475	0.00786	0.08751	1.63666E-07	0.37265	4.47693E-06	0.00786
443694.66	3748168.5	3240.24844	58085.17309	6841.91123	0.00878	0.08580	1.60468E-07	0.45466	5.46218E-06	0.00878
443732.42	3748168.5	3069.88166	64600.21408	7034.97983	0.00962	0.08219	1.53716E-07	0.57593	6.91909E-06	0.00963
444172.99	3747085.77	1124.248	5537.29292	22786.62495	0.00379	0.02206	4.12579E-08	0.05535	6.64962E-07	0.00379
444272.99	3747085.77	1105.42622	5470.57131	18776.98361	0.00326	0.02204	4.12205E-08	0.05310	6.37931E-07	0.00327
444372.99	3747085.77	1072.51835	5347.37275	15378.3127	0.00281	0.02195	4.10521E-08	0.05019	6.02971E-07	0.00281
444472.99	3747085.77	1030.77324	5191.26453	12673.2342	0.00243	0.02149	4.01918E-08	0.04684	5.62725E-07	0.00243
444572.99	3747085.77	982.00426	4991.87303	10547.78937	0.00213	0.02067	3.86582E-08	0.04363	5.24161E-07	0.00213
444672.99	3747085.77	931.27427	4780.50003	9051.4025	0.00190	0.01976	3.69563E-08	0.04146	4.98091E-07	0.00190
444772.99	3747085.77	880.41295	4525.96253	7927.10539	0.00172	0.01874	3.50486E-08	0.03956	4.75265E-07	0.00172
444872.99	3747085.77	834.79312	4243.34191	7076.60677	0.00157	0.01774	3.31784E-08	0.03783	4.54481E-07	0.00157
444972.99	3747085.77	795.88496	3961.93602	6387.36482	0.00144	0.01678	3.13829E-08	0.03597	4.32135E-07	0.00144
445072.99	3747085.77	765.4072	3715.39222	5833.96588	0.00133	0.01597	2.98680E-08	0.03416	4.10390E-07	0.00133
445172.99	3747085.77	742.27198	3506.94887	5363.81417	0.00124	0.01534	2.86897E-08	0.03255	3.91048E-07	0.00124
445272.99	3747085.77	724.64085	3339.4916	4966.31314	0.00116	0.01490	2.78668E-08	0.03124	3.75310E-07	0.00116
445372.99	3747085.77	707.55349	3192.07618	4584.90506	0.00109	0.01453	2.71748E-08	0.02991	3.59332E-07	0.00109
445472.99	3747085.77	688.78594	3057.7223	4223.00705	0.00103	0.01420	2.65577E-08	0.02848	3.42152E-07	0.00103
445572.99	3747085.77	669.26073	2941.38366	3912.57101	0.00097	0.01389	2.59779E-08	0.02711	3.25693E-07	0.00097
444172.99	3747185.77	1190.23635	6057.41673	39892.68254	0.00607	0.02369	4.43064E-08	0.06532	7.84739E-07	0.00607
444272.99	3747185.77	1159.73549	5969.25496	28941.84441	0.00464	0.02372	4.43625E-08	0.06178	7.42210E-07	0.00465
444372.99	3747185.77	1116.09126	5823.54282	21841.99379	0.00371	0.02340	4.37640E-08	0.05771	6.93314E-07	0.00371
444472.99	3747185.77	1061.60455	5597.33307	16885.90448	0.00303	0.02256	4.21930E-08	0.05309	6.37811E-07	0.00303
444572.99	3747185.77	1002.80892	5331.5639	13599.14824	0.00257	0.02149	4.01918E-08	0.04949	5.94561E-07	0.00257
444672.99	3747185.77	944.38678	5038.99839	11352.49283	0.00223	0.02033	3.80223E-08	0.04684	5.62725E-07	0.00223
444772.99	3747185.77	890.59268	4699.83349	9689.84901	0.00197	0.01912	3.57593E-08	0.04438	5.33171E-07	0.00197
444872.99	3747185.77	846.68151	4369.70217	8473.41777	0.00176	0.01802	3.37020E-08	0.04210	5.05780E-07	0.00176
444972.99	3747185.77	813.5447	4077.48474	7522.5788	0.00160	0.01710	3.19814E-08	0.03975	4.77547E-07	0.00160
445072.99	3747185.77	786.57406	3827.2335	6729.73167	0.00146	0.01637	3.06161E-08	0.03743	4.49675E-07	0.00146
445172.99	3747185.77	765.84194	3619.89091	6062.62149	0.00135	0.01584	2.96249E-08	0.03544	4.25768E-07	0.00135
445272.99	3747185.77	747.73501	3454.99214	5516.5447	0.00125	0.01547	2.89329E-08	0.03379	4.05945E-07	0.00125
445372.99	3747185.77	726.97167	3302.91493	5007.95056	0.00116	0.01511	2.82596E-08	0.03204	3.84921E-07	0.00116
445472.99	3747185.77	704.44936	3167.94277	4568.53015	0.00109	0.01474	2.75676E-08	0.03032	3.64257E-07	0.00109
445572.99	3747185.77	680.92543	3045.62749	4188.23067	0.00102	0.01435	2.68382E-08	0.02867	3.44435E-07	0.00102
444172.99	3747285.77	1256.6145	6680.89439	68973.29828	0.00990	0.02562	4.79160E-08	0.07905	9.49688E-07	0.00990
444272.99	3747285.77	1209.97629	6547.34011	44349.93318	0.00671	0.02541	4.75232E-08	0.07290	8.75804E-07	0.00671
444372.99	3747285.77	1152.73732	6342.65711	30810.15246	0.00493	0.02472	4.62328E-08	0.06724	8.07806E-07	0.00493
444472.99	3747285.77	1087.83647	6043.36642	22781.12149	0.00385	0.02360	4.41381E-08	0.06193	7.44013E-07	0.00385
444572.99	3747285.77	1020.13701	5688.77748	17704.80977	0.00314	0.02225	4.16132E-08	0.05743	6.89951E-07	0.00314
444672.99	3747285.77	956.8096	5284.16787	14238.78591	0.00264	0.02082	3.89388E-08	0.05363	6.44298E-07	0.00264
444772.99	3747285.77	904.85517	4874.40417	11811.73852	0.00227	0.01948	3.64326E-08	0.05026	6.03812E-07	0.00227
444872.99	3747285.77	865.96653	4518.62058	10065.55959	0.00199	0.01839	3.43940E-08	0.04709	5.65728E-07	0.00199
444972.99	3747285.77	836.24214	4211.31811	8683.65842	0.00177	0.01754	3.28043E-08	0.04381	5.26323E-07	0.00177
445072.99	3747285.77	813.23574	3964.07115	7615.41153	0.00160	0.01694	3.16822E-08	0.04098	4.92324E-07	0.00160
445172.99	3747285.77	791.53021	3758.52904	6741.90402	0.00145	0.01649	3.08405E-08	0.03856	4.63251E-07	0.00145
445272.99	3747285.77	768.29922	3586.21476	6018.83337	0.00134	0.01610	3.01111E-08	0.03638	4.37061E-07	0.00134
445372.99	3747285.77	743.38203	3437.96366	5415.49478	0.00124	0.01570	2.93630E-08	0.03428	4.11832E-07	0.00124
445472.99	3747285.77	717.66104	3308.64515	4908.57779	0.00115	0.01526	2.85401E-08	0.03228	3.87804E-07	0.00115
445572.99	3747285.77	692.04091	3190.68014	4466.57372	0.00108	0.01475	2.75863E-08	0.03037	3.64858E-07	0.00108
444172.99	3747385.77	1321.27395	7439.62047	105445.5743	0.01471	0.02775	5.18996E-08	0.10003	1.20174E-06	0.01471
444272.99	3747385.77	1257.59507	7250.13525	62981.92304	0.00921	0.02716	5.07962E-08	0.08976	1.07836E-06	0.00921
444372.99	3747385.77	1186.27783	6950.17143	41836.87467	0.00643	0.02607	4.87576E-08	0.08131	9.76839E-07	0.00644
444472.99	3747385.77	1110.86812	6540.70206	29961.67654	0.00484	0.02463	4.60644E-08	0.07400	8.89019E-07	0.00484
444572.99	3747385.77	1041.86193	6111.88748	22795.32879	0.00386	0.02312	4.32403E-08	0.06818	8.19099E-07	0.00386
444672.99	3747385.77	972.97719	5521.26344	17294.84762	0.00306	0.02124	3.97243E-08	0.06178	7.42210E-07	0.00306
444772.99	3747385.77	927.03805	5068.66833	13939.18625	0.00257	0.01990	3.72181E-08	0.05705	6.85385E-07	0.00257
444872.99	3747385.77	893.4208	4691.44696	11544.20396	0.00221	0.01891	3.53666E-08	0.05252	6.30963E-07	0.00221
444972.99	3747385.77	866.80667	4382.56418	9774.35552	0.00193	0.01820	3.40387E-08	0.04839	5.81346E-07	0.00194
445072.99	3747385.77	840.60711	4124.9581	8389.98896	0.00172	0.01765	3.30100E-08	0.04480	5.38217E-07	0.00172
445172.99	3747385.77	813.36166	3921.19507	7320.99595	0.00155	0.01719	3.21497E-08	0.04186	5.02896E-07	0.00155
445272.99	3747385.77	784.64879	3753.71071	6466.12494	0.00142	0.01671	3.12520E-08	0.03918	4.70699E-07	0.00142
445372.99	3747385.77	756.75623	3619.87508	5786.15186	0.00131	0.01622	3.03356E-08	0.03673	4.41266E-07	0.00131
445472.99	3747385.77	729.75328	3498.67852	5202.85859	0.00121	0.01566	2.92882E-08	0.03436	4.12793E-07	0.00121

445572.99	3747385.77	705.78531	3390.14477	4702.00866	0.00113	0.01511	2.82596E-08	0.03215	3.86243E-07	0.00113
444172.99	3747485.77	1383.04576	8389.98704	142103.9859	0.01956	0.03004	5.61825E-08	0.13369	1.60612E-06	0.01956
444272.99	3747485.77	1296.64265	8060.54109	80087.90425	0.01152	0.02878	5.38260E-08	0.11434	1.37365E-06	0.01152
444372.99	3747485.77	1213.99106	7624.54274	52553.87718	0.00790	0.02733	5.11141E-08	0.10152	1.21964E-06	0.00791
444472.99	3747485.77	1129.53704	7037.15777	36431.1248	0.00574	0.02543	4.75606E-08	0.08976	1.07836E-06	0.00574
444572.99	3747485.77	1053.01445	6362.79851	26144.4816	0.00432	0.02335	4.36705E-08	0.07937	9.53533E-07	0.00432
444672.99	3747485.77	996.88982	5765.01974	19727.37306	0.00341	0.02165	4.04911E-08	0.07116	8.54900E-07	0.00341
444772.99	3747485.77	959.40964	5301.12489	15681.32985	0.00283	0.02051	3.83590E-08	0.06475	7.77891E-07	0.00283
444872.99	3747485.77	927.77931	4904.56525	12769.0317	0.00240	0.01967	3.67880E-08	0.05868	7.04968E-07	0.00240
444972.99	3747485.77	897.37981	4591.65364	10657.72468	0.00208	0.01904	3.56093E-08	0.05351	6.42857E-07	0.00208
445072.99	3747485.77	864.43361	4343.27717	9042.23045	0.00183	0.01845	3.45062E-08	0.04918	5.90837E-07	0.00184
445172.99	3747485.77	830.78398	4150.80002	7808.83072	0.00165	0.01786	3.34028E-08	0.04553	5.46987E-07	0.00165
445272.99	3747485.77	798.88768	3996.27684	6844.40302	0.00150	0.01725	3.22619E-08	0.04224	5.07461E-07	0.00150
445372.99	3747485.77	771.11051	3869.66362	6072.03217	0.00138	0.01665	3.11398E-08	0.03924	4.71420E-07	0.00138
445472.99	3747485.77	749.32068	3766.6271	5441.80143	0.00128	0.01611	3.01298E-08	0.03655	4.39103E-07	0.00128
445572.99	3747485.77	733.92534	3681.13309	4916.35083	0.00120	0.01568	2.93256E-08	0.03417	4.10510E-07	0.00120
444172.99	3747585.77	1437.9141	9586.96999	170829.7189	0.02342	0.03234	6.04841E-08	0.18696	2.24609E-06	0.02342
444272.99	3747585.77	1329.13815	9003.70074	90641.52801	0.01300	0.03030	5.66688E-08	0.15077	1.81132E-06	0.01300
444372.99	3747585.77	1236.35047	8323.9355	58308.30985	0.00874	0.02834	5.30031E-08	0.12793	1.53692E-06	0.00874
444472.99	3747585.77	1150.32106	7520.79612	39544.40839	0.00621	0.02601	4.86454E-08	0.10883	1.30746E-06	0.00621
444572.99	3747585.77	1080.41888	6707.91901	27927.87843	0.00460	0.02381	4.45308E-08	0.09311	1.11860E-06	0.00460
444672.99	3747585.77	1035.85231	6097.41158	21239.50242	0.00365	0.02241	4.19125E-08	0.08247	9.90775E-07	0.00365
444772.99	3747585.77	999.80703	5596.74372	16789.66376	0.00301	0.02144	4.00983E-08	0.07370	8.85415E-07	0.00301
444872.99	3747585.77	962.18931	5193.16541	13567.13534	0.00254	0.02064	3.86021E-08	0.06575	7.89905E-07	0.00254
444972.99	3747585.77	922.75705	4895.80146	11220.27755	0.00219	0.01991	3.72368E-08	0.05923	7.11575E-07	0.00219
445072.99	3747585.77	884.66006	4680.99338	9500.97782	0.00194	0.01921	3.59276E-08	0.05412	6.50185E-07	0.00194
445172.99	3747585.77	848.64442	4493.57592	8146.80467	0.00174	0.01847	3.45436E-08	0.04952	5.94922E-07	0.00174
445272.99	3747585.77	820.51048	4347.52438	7113.74493	0.00158	0.01781	3.33093E-08	0.04555	5.47227E-07	0.00158
445372.99	3747585.77	800.70816	4227.73479	6290.37031	0.00146	0.01728	3.23180E-08	0.04205	5.05179E-07	0.00146
445472.99	3747585.77	787.69508	4118.98956	5609.18457	0.00135	0.01686	3.15325E-08	0.03892	4.67576E-07	0.00135
445572.99	3747585.77	782.73177	4038.70774	5066.73268	0.00127	0.01665	3.11398E-08	0.03635	4.36700E-07	0.00127
444172.99	3747685.77	1488.67221	11160.44615	146212.969	0.02046	0.03471	6.49166E-08	0.26299	3.15950E-06	0.02046
444272.99	3747685.77	1365.39316	10170.22241	84973.66809	0.01243	0.03194	5.97360E-08	0.19937	2.39518E-06	0.01243
444372.99	3747685.77	1266.13703	9123.68864	55340.38764	0.00846	0.02926	5.47237E-08	0.15950	1.91620E-06	0.00847
444472.99	3747685.77	1184.79016	8082.39616	37819.67038	0.00606	0.02664	4.98236E-08	0.13013	1.56335E-06	0.00606
444572.99	3747685.77	1125.80177	7184.63773	27439.749	0.00460	0.02469	4.61766E-08	0.10917	1.31154E-06	0.00460
444672.99	3747685.77	1080.78322	6499.21677	21114.87645	0.00369	0.02346	4.38762E-08	0.09476	1.13842E-06	0.00370
444772.99	3747685.77	1035.90524	5996.70967	16772.23625	0.00307	0.02249	4.20621E-08	0.08299	9.97022E-07	0.00307
444872.99	3747685.77	990.43401	5653.13373	13678.82	0.00262	0.02163	4.04537E-08	0.07335	8.81210E-07	0.00262
444972.99	3747685.77	946.04211	5382.43703	11357.05217	0.00228	0.02075	3.88078E-08	0.06553	7.87262E-07	0.00228
445072.99	3747685.77	909.32308	5164.41244	9628.84667	0.00202	0.01995	3.73116E-08	0.05928	7.12176E-07	0.00202
445172.99	3747685.77	882.20428	4975.57506	8290.38783	0.00182	0.01926	3.60212E-08	0.05385	6.46941E-07	0.00182
445272.99	3747685.77	864.36325	4808.20686	7225.46374	0.00166	0.01872	3.50112E-08	0.04904	5.89155E-07	0.00166
445372.99	3747685.77	854.41637	4660.22626	6369.5709	0.00153	0.01834	3.43005E-08	0.04490	5.39418E-07	0.00153
445472.99	3747685.77	849.98357	4524.94243	5674.95805	0.00142	0.01813	3.39078E-08	0.04140	4.97370E-07	0.00142
445572.99	3747685.77	848.34114	4394.77545	5106.08155	0.00133	0.01804	3.37394E-08	0.03849	4.62410E-07	0.00133
444172.99	3747785.77	1531.1163	13070.81093	102122.2425	0.01503	0.03674	6.87132E-08	0.34689	4.16746E-06	0.01503
444272.99	3747785.77	1407.89752	11534.71221	65058.65416	0.01004	0.03334	6.23544E-08	0.24961	2.99876E-06	0.01005
444372.99	3747785.77	1323.51087	10301.79076	45940.13319	0.00741	0.03061	5.72486E-08	0.19359	2.32575E-06	0.00741
444472.99	3747785.77	1241.98267	8882.96005	32615.00962	0.00550	0.02781	5.20118E-08	0.15321	1.84063E-06	0.00551
444572.99	3747785.77	1180.55818	7850.63455	24695.14435	0.00434	0.02604	4.87015E-08	0.12656	1.52046E-06	0.00434
444672.99	3747785.77	1123.26179	7163.54281	19453.80736	0.00357	0.02474	4.62702E-08	0.10760	1.29268E-06	0.00357
444772.99	3747785.77	1070.38866	6733.65929	15846.07809	0.00305	0.02370	4.43251E-08	0.09314	1.11896E-06	0.00305
444872.99	3747785.77	1021.21501	6368.02983	13089.82996	0.00264	0.02266	4.23800E-08	0.08129	9.76599E-07	0.00264
444972.99	3747785.77	982.49131	6043.34627	10993.78966	0.00232	0.02173	4.06407E-08	0.07199	8.64871E-07	0.00232
445072.99	3747785.77	956.65728	5763.07942	9379.34442	0.00207	0.02098	3.92380E-08	0.06433	7.72846E-07	0.00207
445172.99	3747785.77	944.81446	5550.83454	8149.11831	0.00189	0.02054	3.84151E-08	0.05800	6.96798E-07	0.00189
445272.99	3747785.77	938.3807	5341.81905	7133.21892	0.00173	0.02023	3.78353E-08	0.05243	6.29882E-07	0.00173
445372.99	3747785.77	933.68575	5131.72788	6296.31431	0.00159	0.02002	3.74425E-08	0.04772	5.73297E-07	0.00159
445472.99	3747785.77	930.46728	4936.22952	5622.95865	0.00148	0.01993	3.72742E-08	0.04391	5.27524E-07	0.00148
445572.99	3747785.77	924.77233	4738.00495	5064.93979	0.00138	0.01984	3.71059E-08	0.04072	4.89201E-07	0.00138
444172.99	3747885.77	1585.61859	15543.21937	64308.32987	0.01049	0.03863	7.22480E-08	0.39920	4.79590E-06	0.01049
444272.99	3747885.77	1475.66222	13491.93101	44370.30796	0.00764	0.03495	6.53655E-08	0.28693	3.44711E-06	0.00764
444372.99	3747885.77	1393.05724	11754.1245	33300.10573	0.00598	0.03207	5.99791E-08	0.22063	2.65060E-06	0.00598
444472.99	3747885.77	1309.67667	10119.43068	25560.60229	0.00476	0.02955	5.52666E-08	0.17503	2.10277E-06	0.00476
444572.99	3747885.77	1228.89015	8970.57017	20133.21055	0.00391	0.02751	5.14508E-08	0.14200	1.70595E-06	0.00391
444672.99	3747885.77	1165.13015	8298.90767	16622.61853	0.00336	0.02616	4.89259E-08	0.11994	1.44093E-06	0.00336
444772.99	3747885.77	1114.56631	7759.65619	13980.01892	0.00294	0.02502	4.67938E-08	0.10281	1.23514E-06	0.00294
444872.99	3747885.77	1077.2648	7262.94826	11849.14572	0.00260	0.02402	4.49236E-08	0.08912	1.07067E-06	0.00260
444972.99	3747885.77	1054.6806	6838.90895	10154.7542	0.00232	0.02326	4.35022E-08	0.07823	9.39837E-07	0.00232
445072.99	3747885.77	1042.4941	6474.28476	8791.53801	0.00210	0.02275	4.25483E-08	0.06914	8.30632E-07	0.00210
445172.99	3747885.77	1039.70039	6185.7845	7728.26775	0.00193	0.02253	4.21369E-08	0.06184	7.42931E-07	0.00193
445272.99	3747885.77	1035.67702	5896.451	6838.37094	0.00177	0.02239	4.18751E-08	0.05570	6.69167E-07	0.00177
445372.99	3747885.77	1027.10398	5602.43959	6092.35563	0.00164	0.02222	4.15571E-08	0.05065	6.08497E-07	0.00164
445472.99	3747885.77	1010.9558	5298.09245	5456.48662	0.00151	0.02194	4.10334E-08	0.04643	5.57799E-07	0.00152
445572.99	3747885.77	991.63174	5019.17209	4935.16584	0.00141	0.02160	4.03976E-08	0.04293	5.15751E-07	0.00141
444172.99	3747985.77	1707.58877	20475.94383	33741.17115	0.00720	0.04201	7.85695E-08	0.41060	4.93285E-06	0.00721
444272.99	3747985.77	1566.92049	16614.33833	26388.75869	0.00574	0.03701	6.92182E-08	0.30811	3.70156E-06	0.00574
444372.99	3747985.77	1454.7429	13787.44059	21314.31826	0.00471	0.03347	6.25975E-08	0.23882	2.86913E-06	0.00471
444472.99	3747985.77	1361.83119	11983.33946	17876.7927	0.00402	0.03110	5.81650E-08	0.19035	2.28682E-06	0.00402
444572.99	3747985.77	1286.39035	10734.83623	15332.35421	0.00352	0.02935	5.48920E-08	0.15688	1.88472E-06	0.00352
444672.99	3747985.77	1232.64051	9765.00264	13308.31792	0.00313	0.02799	5.23485E-08	0.13180	1.58341E-06	0.00313
444772.99	3747985.77	1199.60838	8979.4346	11618.55254	0.00281	0.02696	5.04221E-08	0.11205	1.34614E-06	0.00281
444872.99	3747985.77	1183.0211	8344.97632	10205.36755	0.00254	0.02625	4.90942E-08	0.09580	1.16293E-06	0.00254
444972.99	3747985.77	1171.7101	7776.59411	8982.06651	0.00231	0.02574	4.81404E-08	0.08421	1.01168E-06	0.00231
445072.99	3747985.77	1162.931	7282.71936	7965.31266	0.00211	0.02542	4.75419E-08	0.07395	8.88418E-07	0.00211
445172.99	3747985.77	1148.37787	6808.76707	7090.52474	0.00194	0.02509	4.69247E-08	0.06553	7.87262E-07	0.00194
445272.99	3747985.77	1131.41175	6394.31645	6372.62898	0.00179	0.02478	4.63450E-08	0.05897	7.08452E-07	0.00179
445372.99	3747985.77	1104.56957	5983.90079	5741.95306	0.00165	0.02430	4.54472E-08	0.05352	6.42977E-07	0.00165
445472.99	3747985.77	1070.29067	5593.65529	5193.47587	0.00153	0.02365	4.42316E-08	0.04895	5.88074E-07	0.00153
445572.99	3747985.77	1034.06837	5248.93211	4730.81121	0.00142	0.02294	4.29037E-08	0.04509	5.41701E-07	0.00142
444172.99	3748085.77	1802.43137	27833.6469	15405.79999	0.00580	0.04402	8.23287E-08	0.46067	5.53438E-06	0.00581
444272.99	3748085.77	1646.29538	21282.15295	14076.25244	0.00476	0.03887	7.26969E-08	0.33691	4.04756E-06	0.00477
444372.99	3748085.77	1530.8321	17337.85087	13072.84229	0.00411	0.03573	6.68243E-08	0.26059	3.13067E-06	0.00412
444472.99	3748085.77	1447.0913	14808.27709	12086.39072	0.00365	0.03360	6.28406E-08	0.20921	2.51340E-06	0.00365
444572.99	3748085.77	1392.18349	12969.01534	11097.69675	0.00328	0.03201	5.98669E-08	0.17218	2.06853E-06	0.00328
444672.99	3748085.77	1362.18821	11586.859	10152.81424	0.00297	0.03087	5.77348E-08	0.14362	1.72542E-06	0.00298
444772.99	3748085.77	1347.00485	10512.90903	9274.34368	0.00272	0.03012	5.63321E-08	0.12165	1.46147E-06	0.00272
444872.99	3748085.77	1333.37944	9605.65642	8449.48367	0.00250	0.02957	5.53035E-08	0.10434	1.25352E-06	0.00250
444972.99	3748085.77	1310.29585	8771.35153	7664.01514	0.00228	0.02899	5.42188E-08	0.08995	1.08064E-06	0.00229
445072.99	3748085.77	1279.44896	8035.72515	6961.06684	0.00210	0.02836	5.30405E-08	0.07846	9.42600E-07	0.00210
445172.99	3748085.77	1241.37649	7388.14129	6337.08228	0.00193	0.02764	5.16939E-08	0.06946	8.34476E-07	0.00193
445272.99	3748085.77	1197.73914	6818.53871	5783.2297	0.00178	0.02681	5.01416E-08	0.06231	7.48578E-07	0.00178
445372.99	3748085.77	1151.70573	6322.61575	5294.33027	0.00164	0.02588	4.84023E-08	0.05644	6.78057E-07	0.00164
445472.99	3748085.77	1103.09941	5874.79687	4852.56997	0.00152	0.02486	4.64946E-08	0.05147	6.18349E-07	0.00152
445572.99	3748085.77	1056.09123	5481.83975	4461.71822	0.00142	0.02383	4.45682E-08	0.04727	5.67891E-07	0.00142
444172.99	3748185.77	1915.60043	40477.63588	8526.90006	0.00656	0.04679	8.75093E-08	0.60565	7.27614E-06	0.00656

444272.99	3748185.77	1768.3299	28901.68797	8317.20089	0.00502	0.04240	7.92989E-08	0.40770	4.89801E-06	0.00502
444372.99	3748185.77	1669.435	22593.53929	8231.53527	0.00418	0.03952	7.39126E-08	0.30168	3.62431E-06	0.00419
444472.99	3748185.77	1614.23002	18659.43036	8086.63335	0.00365	0.03761	7.03404E-08	0.23633	2.83921E-06	0.00365
444572.99	3748185.77	1583.05453	15925.9509	7862.50344	0.00327	0.03625	6.77968E-08	0.19159	2.30172E-06	0.00327
444672.99	3748185.77	1555.00865	13844.0055	7544.47455	0.00295	0.03515	6.57395E-08	0.15744	1.89145E-06	0.00296
444772.99	3748185.77	1519.30681	12175.3323	7159.26973	0.00269	0.03416	6.38880E-08	0.13147	1.57945E-06	0.00269
444872.99	3748185.77	1481.16778	10886.00608	6787.0065	0.00247	0.03334	6.23544E-08	0.11188	1.34410E-06	0.00247
444972.99	3748185.77	1423.31008	9715.2283	6347.79393	0.00225	0.03219	6.02036E-08	0.09567	1.14936E-06	0.00225
445072.99	3748185.77	1360.61272	8744.7336	5922.46841	0.00206	0.03094	5.78658E-08	0.08323	9.99906E-07	0.00206
445172.99	3748185.77	1296.42072	7932.21196	5515.03235	0.00190	0.02963	5.54157E-08	0.07356	8.83733E-07	0.00190
445272.99	3748185.77	1234.98451	7254.20704	5133.14095	0.00175	0.02830	5.29283E-08	0.06580	7.90506E-07	0.00175
445372.99	3748185.77	1177.14078	6676.31211	4774.16254	0.00163	0.02698	5.04595E-08	0.05937	7.13257E-07	0.00163
445472.99	3748185.77	1124.00208	6180.01217	4440.95005	0.00151	0.02572	4.81030E-08	0.05401	6.48864E-07	0.00151
445572.99	3748185.77	1075.82839	5750.50998	4134.67777	0.00141	0.02454	4.58961E-08	0.04953	5.95042E-07	0.00141
444172.99	3748285.77	2118.10099	59306.72649	5777.3739	0.00865	0.05242	9.80389E-08	0.98862	1.18770E-05	0.00866
444272.99	3748285.77	2006.28404	40058.54076	5643.56956	0.00614	0.04861	9.09132E-08	0.56263	6.75931E-06	0.00615
444372.99	3748285.77	1941.04574	29894.54654	5664.8526	0.00483	0.04597	8.59757E-08	0.38356	4.60800E-06	0.00483
444472.99	3748285.77	1884.80947	23563.44294	5676.28496	0.00401	0.04379	8.18986E-08	0.28349	3.40578E-06	0.00401
444572.99	3748285.77	1825.83664	19325.01317	5671.43614	0.00345	0.04200	7.85508E-08	0.22057	2.64988E-06	0.00346
444672.99	3748285.77	1752.09498	16216.80819	5617.51177	0.00304	0.04026	7.52965E-08	0.17608	2.11538E-06	0.00304
444772.99	3748285.77	1672.18375	13912.85882	5528.84924	0.00272	0.03860	7.21919E-08	0.14436	1.73431E-06	0.00272
444872.99	3748285.77	1581.08291	12059.38278	5362.31422	0.00245	0.03672	6.86758E-08	0.12005	1.44225E-06	0.00245
444972.99	3748285.77	1490.79243	10593.22864	5157.15035	0.00222	0.03479	6.50662E-08	0.10194	1.22468E-06	0.00222
445072.99	3748285.77	1408.76667	9440.35347	4938.56733	0.00203	0.03294	6.16063E-08	0.08842	1.06226E-06	0.00203
445172.99	3748285.77	1332.08673	8486.66727	4699.16322	0.00187	0.03112	5.82024E-08	0.07778	9.34431E-07	0.00187
445272.99	3748285.77	1266.06574	7717.28986	4463.7769	0.00173	0.02948	5.51352E-08	0.06932	8.32794E-07	0.00173
445372.99	3748285.77	1206.18127	7065.92375	4225.09324	0.00161	0.02795	5.22737E-08	0.06240	7.49659E-07	0.00161
445472.99	3748285.77	1152.62809	6513.85922	3981.19667	0.00150	0.02656	4.96740E-08	0.05666	6.80700E-07	0.00150
445572.99	3748285.77	1104.04759	6039.46858	3757.37984	0.00140	0.02530	4.73175E-08	0.05178	6.22073E-07	0.00140
444172.99	3748385.77	2513.65421	82066.13652	4392.13771	0.01146	0.06248	1.16854E-07	2.70863	3.25408E-05	0.01149
444272.99	3748385.77	2393.19304	51744.79574	4264.10176	0.00752	0.05785	1.08194E-07	0.93435	1.12251E-05	0.00753
444372.99	3748385.77	2279.45946	36861.58814	4220.30373	0.00558	0.05419	1.01349E-07	0.53232	6.39517E-06	0.00559
444472.99	3748385.77	2157.52835	28094.11811	4242.51604	0.00444	0.05107	9.55140E-08	0.35952	4.31919E-06	0.00445
444572.99	3748385.77	2020.67441	22244.6031	4253.94561	0.00367	0.04800	8.97723E-08	0.26123	3.13836E-06	0.00368
444672.99	3748385.77	1889.98962	18256.08833	4279.21819	0.00315	0.04514	8.44234E-08	0.20011	2.40407E-06	0.00315
444772.99	3748385.77	1767.44528	15369.15643	4321.67799	0.00276	0.04235	7.92054E-08	0.15894	1.90947E-06	0.00276
444872.99	3748385.77	1652.01782	13161.86466	4279.17515	0.00246	0.03959	7.40465E-08	0.13002	1.56203E-06	0.00246
444972.99	3748385.77	1543.25989	11408.49015	4164.27836	0.00220	0.03688	6.89751E-08	0.10910	1.31070E-06	0.00221
445072.99	3748385.77	1456.44304	10102.26678	4091.61862	0.00202	0.03459	6.46922E-08	0.09406	1.13001E-06	0.00202
445172.99	3748385.77	1375.37141	9017.93958	3962.07065	0.00185	0.03245	6.06898E-08	0.08225	9.88132E-07	0.00185
445272.99	3748385.77	1306.52022	8155.0849	3827.88813	0.00171	0.03060	5.72299E-08	0.07301	8.77125E-07	0.00171
445372.99	3748385.77	1244.45964	7437.39334	3684.1062	0.00159	0.02896	5.41626E-08	0.06545	7.86301E-07	0.00159
445472.99	3748385.77	1189.29166	6841.10569	3541.14835	0.00149	0.02752	5.14695E-08	0.05909	7.09893E-07	0.00149
445572.99	3748385.77	1135.06167	6308.66966	3381.46393	0.00139	0.02613	4.88698E-08	0.05365	6.44539E-07	0.00139
444172.99	3748485.77	3011.36177	83150.91992	3523.23516	0.01155	0.07524	1.40718E-07	5.06212	6.08151E-05	0.01161
444272.99	3748485.77	2777.79534	55937.88759	3417.9526	0.00800	0.06870	1.28487E-07	2.14399	2.57574E-05	0.00803
444372.99	3748485.77	2565.33277	40638.10831	3379.88072	0.00600	0.06349	1.18743E-07	0.83445	1.00249E-05	0.00601
444472.99	3748485.77	2354.21858	30805.99052	3370.61797	0.00470	0.05844	1.09298E-07	0.48158	5.78559E-06	0.00471
444572.99	3748485.77	2163.07013	24274.76994	3383.48808	0.00384	0.05371	1.00452E-07	0.32045	3.84981E-06	0.00384
444672.99	3748485.77	1994.95425	19729.75681	3403.83622	0.00324	0.04936	9.23159E-08	0.23094	2.77446E-06	0.00324
444772.99	3748485.77	1848.78807	16442.81857	3421.43112	0.00280	0.04543	8.49658E-08	0.17660	2.12163E-06	0.00280
444872.99	3748485.77	1726.99516	14042.1499	3440.96094	0.00247	0.04206	7.86630E-08	0.14200	1.70595E-06	0.00248
444972.99	3748485.77	1614.62206	12143.97471	3424.85327	0.00221	0.03897	7.28839E-08	0.11790	1.41642E-06	0.00221
445072.99	3748485.77	1512.44076	10627.86719	3378.61136	0.00200	0.03620	6.77033E-08	0.10022	1.20402E-06	0.00200
445172.99	3748485.77	1428.67211	9474.14891	3335.67036	0.00183	0.03394	6.34765E-08	0.08706	1.04592E-06	0.00183
445272.99	3748485.77	1350.40526	8509.38105	3265.21457	0.00169	0.03188	5.96238E-08	0.07651	9.19173E-07	0.00169
445372.99	3748485.77	1284.8496	7747.48942	3188.26356	0.00157	0.03017	5.64257E-08	0.06798	8.16696E-07	0.00157
445472.99	3748485.77	1222.37684	7085.93712	3092.42725	0.00147	0.02856	5.34145E-08	0.06088	7.31398E-07	0.00147
445572.99	3748485.77	1166.28212	6528.04756	2989.54208	0.00138	0.02714	5.07588E-08	0.05492	6.59796E-07	0.00138
443047.86	3748855.7	190174.5226	18196.80576	1641.54633	0.02704	1.16706	2.18270E-06	0.03895	4.67936E-07	0.02704
443030.11	3748868.74	184254.9587	16749.62766	1617.5993	0.02609	0.99029	1.85210E-06	0.03798	4.56283E-07	0.02609
443016.91	3748884.58	203035.7233	15588.83216	1589.36118	0.02835	0.88024	1.64628E-06	0.03706	4.45230E-07	0.02836
442999.31	3748898.66	195011.5904	14423.93489	1564.84863	0.02717	0.76221	1.42553E-06	0.03613	4.34057E-07	0.02717
442983.47	3748918.02	205571.7397	13322.93335	1533.25072	0.02838	0.67038	1.25378E-06	0.03512	4.21923E-07	0.02838
442962.35	3748934.74	188450.7191	12265.33817	1506.50456	0.02604	0.57481	1.07504E-06	0.03412	4.09910E-07	0.02604
442947.39	3748948.82	179669.2634	11564.63063	1485.79976	0.02481	0.51727	9.67428E-07	0.03340	4.01260E-07	0.02482
442935.07	3748963.78	179765.3886	10973.87451	1464.39467	0.02475	0.47339	8.85361E-07	0.03274	3.93331E-07	0.02475
442916.59	3748985.78	182759.8373	10163.4199	1430.48463	0.02502	0.41469	7.75577E-07	0.03171	3.80957E-07	0.02503
442898.98	3749001.62	166165.2462	9568.67289	1406.55848	0.02281	0.36979	6.91602E-07	0.03093	3.71586E-07	0.02281
442881.38	3749017.46	144890.2507	9063.47311	1387.09959	0.02000	0.33228	6.21449E-07	0.03026	3.63537E-07	0.02000
442868.18	3749033.31	132084.8152	8658.13896	1366.99064	0.01830	0.30498	5.70391E-07	0.02966	3.56328E-07	0.01830
442854.1	3749046.51	110472.4729	8315.03159	1351.69906	0.01547	0.28105	5.25636E-07	0.02915	3.50201E-07	0.01547
442832.98	3749062.35	77249.39488	7884.04111	1332.76221	0.01113	0.25129	4.69977E-07	0.02848	3.42152E-07	0.01113
442816.26	3749081.71	56566.34255	7505.8129	1310.71014	0.00842	0.22830	4.26550E-07	0.02783	3.34343E-07	0.00842
442801.3	3749094.91	43166.5336	7233.1488	1295.7505	0.00666	0.21126	3.95111E-07	0.02734	3.28456E-07	0.00666
442780.18	3749111.63	31154.69234	6887.90215	1275.69347	0.00506	0.19090	3.57032E-07	0.02669	3.20647E-07	0.00506
442764.34	3749127.47	24818.34726	6631.8334	1259.10639	0.00421	0.17669	3.30456E-07	0.02619	3.14641E-07	0.00421
442750.26	3749130.11	21926.72307	6505.21734	1256.1139	0.00382	0.16864	3.15400E-07	0.02597	3.11998E-07	0.00382
442722.1	3749138.03	17272.95836	6247.58227	1247.6316	0.00319	0.15355	2.87178E-07	0.02549	3.06231E-07	0.00319
442705.38	3749146.83	15095.3103	6071.47636	1237.3593	0.00288	0.14457	2.70383E-07	0.02511	3.01666E-07	0.00289
442678.1	3749144.19	13097.13639	5898.19322	1235.69612	0.00260	0.13481	2.52129E-07	0.02478	2.97701E-07	0.00261
442659.62	3749147.71	11800.63821	5755.9452	1229.60401	0.00242	0.12784	2.39094E-07	0.02448	2.94097E-07	0.00242
442638.49	3749145.07	10743.74191	5634.28248	1228.55066	0.00227	0.12161	2.27442E-07	0.02423	2.91094E-07	0.00227
442662.26	3749101.07	13469.48328	6030.37251	1271.78902	0.00267	0.13666	2.55589E-07	0.02523	3.03107E-07	0.00268
442694.82	3749095.79	16493.71553	6310.13719	1283.76304	0.00310	0.15076	2.81960E-07	0.02579	3.09835E-07	0.00310
442709.78	3749094.03	18258.22724	6442.2456	1288.13032	0.00335	0.15790	2.95314E-07	0.02604	3.12838E-07	0.00335
442730.02	3749086.99	21466.404	6662.27496	1298.581	0.00379	0.16957	3.17139E-07	0.02647	3.18004E-07	0.00379
442752.02	3749068.51	26662.8817	7002.53786	1321.12285	0.00450	0.18672	3.49214E-07	0.02715	3.26174E-07	0.00451
442796.9	3749035.95	41870.50801	7767.94772	1364.28883	0.00657	0.22883	4.27971E-07	0.02854	3.42873E-07	0.00657
442817.14	3749007.78	48236.27142	8314.02536	1400.37423	0.00746	0.25664	4.79983E-07	0.02949	3.54286E-07	0.00746
442845.3	3748987.54	61335.74489	8951.57983	1427.94345	0.00923	0.29572	5.53072E-07	0.03044	3.65699E-07	0.00923
442865.54	3748973.46	72081.19418	9461.15028	1447.12845	0.01069	0.32894	6.15202E-07	0.03113	3.73989E-07	0.01069
442840.9	3748956.74	49771.42031	9267.79728	1465.92592	0.00779	0.29743	5.56271E-07	0.03105	3.73027E-07	0.00779
442888.42	3748944.42	74881.06867	10331.32732	1490.02298	0.01116	0.37644	7.04040E-07	0.03234	3.88525E-07	0.01116
442871.7	3748932.1	57685.6332	10179.44051	1504.64003	0.00893	0.34792	6.50700E-07	0.03230	3.88045E-07	0.00893
442872.58	3748910.98	51269.36056	10506.67778	1532.86082	0.00815	0.35178	6.57919E-07	0.03282	3.94292E-07	0.00815
442880.5	3748896.9	50456.98823	10895.01431	1553.4269	0.00810	0.36682	6.86048E-07	0.03335	4.00659E-07	0.00810
442906.02	3748895.14	62153.34608	11552.83621	1560.9281	0.00969	0.42037	7.86200E-07	0.03399	4.08348E-07	0.00969
442925.39	3748905.7	80055.07731	11888.87999	1550.95097	0.01204	0.46767	8.74663E-07	0.03421	4.10991E-07	0.01204
442928.03	3748871.38	62253.00195	12610.46634	1601.2148	0.00985	0.47456	8.87549E-07	0.03520	4.22885E-07	0.00985
442942.99	3748881.94	77844.11534	12872.82624	1587.98631	0.01189	0.52148	9.75302E-07	0.03529	4.23966E-07	0.01189
442959.71	3748871.38	82884.23163	13660.52433	1606.64513	0.01264	0.58004	1.08482E-06	0.03602	4.32736E-07	0.01264
442923.63	3748842.34	48303.84266	12996.541	1644.40433	0.00810	0.45462	8.50256E-07	0.03590	4.31294E-07	0.00811
442937.71	3748821.22	45115.23672	13859.20871	1682.7846	0.00781	0.48229	9.02006E-07	0.03692	4.43548E-07	0.00781
442971.15	3748822.98	58067.68392	15156.75468	1687.22191	0.00965	0.60302	1.12780E-06	0.03781	4.54241E-07	0.00965
442986.11	3748841.46	78774.98306	15398.92843	1658.21321	0.01234	0.68802	1.28677E-06	0.03763	4.52078E-07	0.01234
442985.23	3748812.42	58122.5408	16020.13506	1708.81961	0.00977	0.65520	1.22539E-06	0.03857	4.63371E-07	0.00977

443001.95	3748822.1	72051.1912	16635.51772	1696.29627	0.01164	0.75575	1.41345E-06	0.03878	4.65894E-07	0.01164
443063.55	3748836.18	164007.8853	19951.03752	1678.46678	0.02390	1.36712	2.55687E-06	0.04016	4.82473E-07	0.02391
443064.43	3748815.06	116190.4865	20726.38746	1716.26558	0.01785	1.34855	2.52214E-06	0.04095	4.91964E-07	0.01785
443051.23	3748791.3	77630.55349	20361.91533	1753.00467	0.01284	1.11035	2.07664E-06	0.04124	4.95448E-07	0.01285
443003.71	3748799.22	57590.42971	17250.30182	1737.44627	0.00986	0.73147	1.36804E-06	0.03961	4.75865E-07	0.00986
442974.67	3748795.7	46387.85233	15855.66252	1736.41436	0.00824	0.58480	1.09373E-06	0.03881	4.66254E-07	0.00824
443038.91	3748779.86	62124.25635	19785.05135	1773.23064	0.01077	0.94633	1.76988E-06	0.04126	4.95688E-07	0.01078
443027.47	3748759.61	46744.04897	19455.53076	1811.49906	0.00876	0.78572	1.46950E-06	0.04165	5.00373E-07	0.00876
443023.95	3748743.77	40112.66387	19503.29152	1840.20081	0.00791	0.71380	1.33499E-06	0.04207	5.05419E-07	0.00791
443008.99	3748724.41	32102.04577	18858.18243	1873.97948	0.00680	0.58681	1.09749E-06	0.04223	5.07341E-07	0.00680
443008.99	3748702.41	27750.27107	19147.31391	1915.0896	0.00629	0.53777	1.00577E-06	0.04294	5.15871E-07	0.00629
443097.87	3748795.7	118556.1199	24200.69945	1752.57963	0.01861	1.95322	3.65302E-06	0.04273	5.13348E-07	0.01861
443090.83	3748778.98	86775.38834	23957.41849	1780.63627	0.01449	1.64624	3.07889E-06	0.04303	5.16952E-07	0.01449
443071.47	3748764.01	65400.55511	22532.35722	1802.3734	0.01155	1.22125	2.28405E-06	0.04280	5.14189E-07	0.01156
443064.43	3748742.01	50878.00381	22361.58914	1840.0152	0.00967	1.01173	1.89220E-06	0.04326	5.19716E-07	0.00967
443051.23	3748723.53	41432.93249	21610.82184	1869.56008	0.00836	0.82158	1.53657E-06	0.04336	5.20917E-07	0.00836
443042.43	3748707.69	34944.8434	21238.6897	1900.61049	0.00748	0.70747	1.32315E-06	0.04365	5.24401E-07	0.00748
443042.43	3748691.85	31190.10214	21454.01832	1931.24924	0.00703	0.65272	1.22075E-06	0.04419	5.30888E-07	0.00703
443141.87	3748742.01	59644.28708	30998.85253	1865.30916	0.01191	2.29450	4.29130E-06	0.04659	5.59721E-07	0.01192
443121.63	3748726.17	49337.28759	28592.22116	1892.04136	0.01028	1.53496	2.87077E-06	0.04631	5.56358E-07	0.01028
443107.55	3748705.05	40040.46869	27259.18063	1929.02574	0.00891	1.11935	2.09347E-06	0.04645	5.58039E-07	0.00892
443088.19	3748676.01	31227.38101	25578.63539	1979.19134	0.00757	0.78875	1.47517E-06	0.04662	5.60082E-07	0.00757
443145.39	3748708.57	42084.40769	32287.96749	1938.26351	0.00983	1.53184	2.86493E-06	0.04817	5.78703E-07	0.00983
443176.19	3748679.53	32610.9043	38313.17461	2016.90552	0.00939	1.23576	2.31119E-06	0.05108	6.13663E-07	0.00939
443103.15	3748670.73	30581.40815	27264.64037	1998.45682	0.00771	0.82510	1.54315E-06	0.04755	5.71255E-07	0.00771
443230.76	3748790.42	76104.50217	52975.10047	1802.5819	0.01685	18.60532	3.47967E-05	0.04933	5.92639E-07	0.01689
443242.2	3748767.54	55402.40822	57587.31809	1853.79127	0.01479	6.59912	1.23421E-05	0.05107	6.13543E-07	0.01480
443255.4	3748742.89	42181.63324	62639.3395	1908.82356	0.01374	3.31496	6.19983E-06	0.05299	6.36609E-07	0.01375
443265.08	3748712.97	32536.24609	66679.08991	1979.58441	0.01303	1.91868	3.58842E-06	0.05509	6.61838E-07	0.01303
443278.28	3748687.45	26931.11498	74481.73064	2042.08235	0.01332	1.34529	2.51604E-06	0.05722	6.87428E-07	0.01332
443297.64	3748659.29	21715.35095	91648.07506	2123.34837	0.01487	0.95696	1.78976E-06	0.06029	7.24310E-07	0.01487
443306.44	3748793.94	58151.09047	116807.2056	1788.8852	0.02276	5.89623	1.10275E-05	0.05284	6.34807E-07	0.02277
443339.88	3748786.02	44824.80852	172221.5411	1808.7877	0.02818	3.56274	6.66324E-06	0.05536	6.65082E-07	0.02819
443371.56	3748768.42	32513.25372	219988.9323	1856.98407	0.03275	2.13893	4.00035E-06	0.05886	7.07130E-07	0.03276
443392.68	3748756.97	27307.76707	253997.1947	1886.57815	0.03646	1.62568	3.04044E-06	0.06126	7.35963E-07	0.03647
443418.2	3748739.37	22085.85394	281301.3722	1932.24487	0.03931	1.17862	2.20432E-06	0.06463	7.76450E-07	0.03932
443444.6	3748724.41	18754.58459	310616.0752	1968.75097	0.04266	0.91862	1.71806E-06	0.06799	8.16816E-07	0.04267
443471.89	3748711.21	15814.70795	334803.7464	2011.05055	0.04540	0.73086	1.36690E-06	0.07205	8.65592E-07	0.04541
443496.53	3748694.49	13556.14988	334405.3101	2060.43164	0.04507	0.59044	1.10427E-06	0.07635	9.17251E-07	0.04507
443525.57	3748681.29	11974.15848	358978.4442	2098.07712	0.04803	0.49316	9.22336E-07	0.08106	9.73836E-07	0.04804
443548.45	3748668.09	10626.28059	346190.5484	2143.68567	0.04622	0.42023	7.85938E-07	0.08582	1.03102E-06	0.04622
443583.65	3748651.37	9230.76486	389030.5134	2200.90387	0.05156	0.34539	6.45968E-07	0.09328	1.12064E-06	0.05157

Trails of Corona

2020 | No Mitigation | At Sensitive Receptors

Construction Annual DPM Emissions (as PM10 Exhaust)

X (m)	Y (m)	Onsite PA1,2 Annual DPM Exhaust w/Unit Emissions (ug/m3)	Onsite PA3 Annual DPM Exhaust w/Unit Emissions (ug/m3)	Onsite PA6 Annual DPM Exhaust w/Unit Emissions (ug/m3)	Onsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite L1 Annual DPM Exhaust w/Unit Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite L2 Annual DPM Exhaust w/Unit Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Total DPM (ug/m3)
443543.62	3748016.2	3051.87238	23345.5339	8759.53826	0.00226	0.07477	1.39839E-07	0.41552	4.99196E-06	0.00226
443581.38	3748016.2	2959.83062	24234.74963	9427.49943	0.00235	0.07287	1.36286E-07	0.52827	6.34651E-06	0.00236
443619.14	3748016.2	2891.7748	25446.23889	10240.70159	0.00248	0.07096	1.32713E-07	0.69873	8.39438E-06	0.00248
443656.9	3748016.2	2835.89562	26863.73701	11218.37479	0.00263	0.06920	1.29422E-07	0.98771	1.18661E-05	0.00264
443694.66	3748016.2	2791.06475	28608.81417	12436.29526	0.00281	0.06805	1.27271E-07	1.56020	1.87439E-05	0.00283
443732.42	3748016.2	2691.90488	29453.66909	13537.75947	0.00293	0.06551	1.22521E-07	3.41537	4.10315E-05	0.00297
443543.62	3748046.66	3176.71233	25600.87524	8119.79984	0.00237	0.07866	1.47114E-07	0.36211	4.35030E-06	0.00237
443581.38	3748046.66	3083.83924	26794.38569	8671.88591	0.00247	0.07661	1.43280E-07	0.44715	5.37196E-06	0.00248
443619.14	3748046.66	3009.35861	28311.84131	9321.08586	0.00261	0.07449	1.39315E-07	0.56902	6.83607E-06	0.00261
443656.9	3748046.66	2952.89132	30276.44204	10111.80976	0.00278	0.07289	1.36323E-07	0.75771	9.10295E-06	0.00279
443694.66	3748046.66	2907.90978	32798.48167	11102.69315	0.00300	0.07199	1.34640E-07	1.07871	1.29594E-05	0.00302
443732.42	3748046.66	2794.17962	34085.30233	11875.95554	0.00313	0.06933	1.29665E-07	1.85184	2.22476E-05	0.00315
443543.62	3748077.12	3328.86225	28534.79197	7541.22787	0.00253	0.08341	1.55998E-07	0.31914	3.83407E-06	0.00253
443581.38	3748077.12	3229.89668	30076.50646	8009.71103	0.00265	0.08112	1.51715E-07	0.38525	4.62830E-06	0.00266
443619.14	3748077.12	3150.09184	32073.81454	8536.6373	0.00281	0.07893	1.47619E-07	0.47585	5.71675E-06	0.00281
443656.9	3748077.12	3055.97759	34022.44818	9071.75121	0.00296	0.07628	1.42663E-07	0.61043	7.33356E-06	0.00297
443694.66	3748077.12	2993.17018	37118.65029	9771.44274	0.00320	0.07513	1.40512E-07	0.82192	9.87435E-06	0.00321
443732.42	3748077.12	2865.03975	39049.40445	10322.34596	0.00335	0.07229	1.35201E-07	1.24369	1.49414E-05	0.00337
443543.62	3748107.58	3502.01604	32208.57708	6954.32587	0.00274	0.08886	1.66191E-07	0.28422	3.41455E-06	0.00274
443581.38	3748107.58	3383.71567	34025.10475	7360.35812	0.00287	0.08600	1.60842E-07	0.33721	4.05116E-06	0.00288
443619.14	3748107.58	3254.89463	35777.73937	7729.26283	0.00300	0.08232	1.53960E-07	0.40813	4.90318E-06	0.00301
443656.9	3748107.58	3145.89465	38263.79007	8119.43727	0.00318	0.07943	1.48555E-07	0.50715	6.09278E-06	0.00318
443694.66	3748107.58	3073.1631	42346.72004	8628.02276	0.00347	0.07834	1.46516E-07	0.65526	7.87214E-06	0.00348
443732.42	3748107.58	2931.9767	45245.48883	9035.01454	0.00367	0.07534	1.40905E-07	0.91330	1.09722E-05	0.00368
443543.62	3748138.04	3667.91307	36297.6244	6416.33538	0.00298	0.09424	1.76253E-07	0.25588	3.07408E-06	0.00298
443581.38	3748138.04	3509.30105	38086.04408	6739.44277	0.00310	0.09014	1.68585E-07	0.29950	3.59812E-06	0.00310
443619.14	3748138.04	3362.02744	40314.22796	7012.8633	0.00325	0.08599	1.60823E-07	0.35541	4.26981E-06	0.00326
443656.9	3748138.04	3243.78664	43766.98158	7312.41523	0.00349	0.08313	1.55474E-07	0.43068	5.17409E-06	0.00349
443694.66	3748138.04	3153.43816	49055.84969	7660.8927	0.00384	0.08181	1.53006E-07	0.53911	6.47674E-06	0.00385
443732.42	3748138.04	3002.50082	53528.11537	7941.28152	0.00414	0.07872	1.47227E-07	0.71038	8.53434E-06	0.00415
443543.62	3748168.5	3819.07192	40743.90308	5928.71067	0.00324	0.09937	1.85847E-07	0.23252	2.79344E-06	0.00324
443581.38	3748168.5	3647.75085	43213.62564	6179.63709	0.00340	0.09492	1.77525E-07	0.26851	3.22582E-06	0.00341
443619.14	3748168.5	3479.88215	46161.94622	6395.9037	0.00360	0.09031	1.68903E-07	0.31357	3.76716E-06	0.00360
443656.9	3748168.5	3351.86714	51051.57587	6635.70475	0.00392	0.08751	1.63666E-07	0.37265	4.47693E-06	0.00392
443694.66	3748168.5	3240.24844	58085.17309	6841.91123	0.00437	0.08580	1.60468E-07	0.45466	5.46218E-06	0.00438
443732.42	3748168.5	3069.88166	64600.21408	7034.97983	0.00479	0.08219	1.53716E-07	0.57593	6.91909E-06	0.00480
444172.99	3747085.77	1124.248	5537.29292	22786.62495	0.00189	0.02206	4.12579E-08	0.05535	6.64962E-07	0.00189
444272.99	3747085.77	1105.42622	5470.57131	18776.98361	0.00163	0.02204	4.12205E-08	0.05310	6.37931E-07	0.00163
444372.99	3747085.77	1072.51835	5347.37275	15378.3127	0.00140	0.02195	4.10521E-08	0.05019	6.02971E-07	0.00140
444472.99	3747085.77	1030.77324	5191.26453	12673.2342	0.00121	0.02149	4.01918E-08	0.04684	5.62725E-07	0.00121
444572.99	3747085.77	982.00426	4991.87303	10547.78937	0.00106	0.02067	3.86582E-08	0.04363	5.24161E-07	0.00106
444672.99	3747085.77	931.27427	4780.50003	9051.4025	0.00095	0.01976	3.69563E-08	0.04146	4.98091E-07	0.00095
444772.99	3747085.77	880.41295	4525.96253	7927.10539	0.00086	0.01874	3.50486E-08	0.03956	4.75265E-07	0.00086
444872.99	3747085.77	834.79312	4243.34191	7076.60677	0.00078	0.01774	3.31784E-08	0.03783	4.54481E-07	0.00078
444972.99	3747085.77	795.88496	3961.93602	6387.36482	0.00072	0.01678	3.13829E-08	0.03597	4.32135E-07	0.00072
445072.99	3747085.77	765.4072	3715.39222	5833.96588	0.00066	0.01597	2.98680E-08	0.03416	4.10390E-07	0.00066
445172.99	3747085.77	742.27198	3506.94887	5363.81417	0.00062	0.01534	2.86897E-08	0.03255	3.91048E-07	0.00062
445272.99	3747085.77	724.64085	3339.4916	4966.31314	0.00058	0.01490	2.78668E-08	0.03124	3.75310E-07	0.00058
445372.99	3747085.77	707.55349	3192.07618	4584.90506	0.00054	0.01453	2.71748E-08	0.02991	3.59332E-07	0.00054
445472.99	3747085.77	688.78594	3057.7223	4223.00705	0.00051	0.01420	2.65577E-08	0.02848	3.42152E-07	0.00051
445572.99	3747085.77	669.26073	2941.38366	3912.57101	0.00048	0.01389	2.59779E-08	0.02711	3.25693E-07	0.00048
444172.99	3747185.77	1190.23635	6057.41673	39892.68254	0.00302	0.02369	4.43064E-08	0.06532	7.84739E-07	0.00303
444272.99	3747185.77	1159.73549	5969.25496	28941.84441	0.00231	0.02372	4.43625E-08	0.06178	7.42210E-07	0.00232
444372.99	3747185.77	1116.09126	5823.54282	21841.99379	0.00185	0.02340	4.37640E-08	0.05771	6.93314E-07	0.00185
444472.99	3747185.77	1061.60455	5597.33307	16885.90448	0.00151	0.02256	4.21930E-08	0.05309	6.37811E-07	0.00151
444572.99	3747185.77	1002.80892	5331.5639	13599.14824	0.00128	0.02149	4.01918E-08	0.04949	5.94561E-07	0.00128
444672.99	3747185.77	944.38678	5038.99839	11352.49283	0.00111	0.02033	3.80223E-08	0.04684	5.62725E-07	0.00111
444772.99	3747185.77	890.59268	4699.83349	9689.84901	0.00098	0.01912	3.57593E-08	0.04438	5.33171E-07	0.00098
444872.99	3747185.77	846.68151	4369.70217	8473.41777	0.00088	0.01802	3.37020E-08	0.04210	5.05780E-07	0.00088
444972.99	3747185.77	813.5447	4077.48474	7522.5788	0.00080	0.01710	3.19814E-08	0.03975	4.77547E-07	0.00080
445072.99	3747185.77	786.57406	3827.2335	6729.73167	0.00073	0.01637	3.06161E-08	0.03743	4.49675E-07	0.00073
445172.99	3747185.77	765.84194	3619.89091	6062.62149	0.00067	0.01584	2.96249E-08	0.03544	4.25768E-07	0.00067
445272.99	3747185.77	747.73501	3454.99214	5516.5447	0.00062	0.01547	2.89329E-08	0.03379	4.05945E-07	0.00062
445372.99	3747185.77	726.97167	3302.91493	5007.95056	0.00058	0.01511	2.82596E-08	0.03204	3.84921E-07	0.00058
445472.99	3747185.77	704.44936	3167.94277	4568.53015	0.00054	0.01474	2.75676E-08	0.03032	3.64257E-07	0.00054
445572.99	3747185.77	680.92543	3045.62749	4188.23067	0.00051	0.01435	2.68382E-08	0.02867	3.44435E-07	0.00051
444172.99	3747285.77	1256.6145	6680.89439	68973.29828	0.00493	0.02562	4.79160E-08	0.07905	9.49688E-07	0.00494
444272.99	3747285.77	1209.97629	6547.34011	44349.93318	0.00334	0.02541	4.75232E-08	0.07290	8.75804E-07	0.00334
444372.99	3747285.77	1152.73732	6342.65711	30810.15246	0.00246	0.02472	4.62328E-08	0.06724	8.07806E-07	0.00246
444472.99	3747285.77	1087.83647	6043.36642	22781.12149	0.00192	0.02360	4.41381E-08	0.06193	7.44013E-07	0.00192
444572.99	3747285.77	1020.13701	5688.77748	17704.80977	0.00157	0.02225	4.16132E-08	0.05743	6.89951E-07	0.00157
444672.99	3747285.77	956.8096	5284.16787	14238.78591	0.00131	0.02082	3.89388E-08	0.05363	6.44298E-07	0.00131
444772.99	3747285.77	904.85517	4874.40417	11811.73852	0.00113	0.01948	3.64326E-08	0.05026	6.03812E-07	0.00113
444872.99	3747285.77	865.96653	4518.62058	10065.55959	0.00099	0.01839	3.43940E-08	0.04709	5.65728E-07	0.00099
444972.99	3747285.77	836.24214	4211.31811	8683.65842	0.00088	0.01754	3.28043E-08	0.04381	5.26323E-07	0.00088
445072.99	3747285.77	813.23574	3964.07115	7615.41153	0.00080	0.01694	3.16822E-08	0.04098	4.92324E-07	0.00080
445172.99	3747285.77	791.53021	3758.52904	6741.90402	0.00072	0.01649	3.08405E-08	0.03856	4.63251E-07	0.00072
445272.99	3747285.77	768.29922	3586.21476	6018.83337	0.00067	0.01610	3.01111E-08	0.03638	4.37061E-07	0.00067
445372.99	3747285.77	743.38203	3437.96366	5415.49478	0.00062	0.01570	2.93630E-08	0.03428	4.11832E-07	0.00062
445472.99	3747285.77	717.66104	3308.64515	4908.57779	0.00057	0.01526	2.85401E-08	0.03228	3.87804E-07	0.00057
445572.99	3747285.77	692.04091	3190.68014	4466.57372	0.00054	0.01475	2.75863E-08	0.03037	3.64858E-07	0.00054
444172.99	3747385.77	1321.27395	7439.62047	105445.5743	0.00733	0.02775	5.18996E-08	0.10003	1.20174E-06	0.00733
444272.99	3747385.77	1257.59507	7250.13525	62981.92304	0.00459	0.02716	5.07962E-08	0.08976	1.07836E-06	0.00459
444372.99	3747385.77	1186.27783	6950.17143	41836.87467	0.00321	0.02607	4.87576E-08	0.08131	9.76839E-07	0.00321
444472.99	3747385.77	1110.86812	6540.70206	29961.67654	0.00241	0.02463	4.60644E-08	0.07400	8.89019E-07	0.00241
444572.99	3747385.77	1041.86193	6111.88748	22795.32879	0.00192	0.02312	4.32403E-08	0.06818	8.19099E-07	0.00192
444672.99	3747385.77	972.97719	5521.26344	17294.84762	0.00153	0.02124	3.97243E-08	0.06178	7.42210E-07	0.00153
444772.99	3747385.77	927.03805	5068.66833	13939.18625	0.00128	0.01990	3.72181E-08	0.05705	6.85385E-07	0.00128
444872.99	3747385.77	893.4208	4691.44696	11544.20396	0.00110	0.01891	3.53666E-08	0.05252	6.30963E-07	0.00110
444972.99	3747385.77	866.80667	4382.56418	9774.35552	0.00096	0.01820	3.40387E-08	0.04839	5.81346E-07	0.00096
445072.99	3747385.77	840.60711	4124.9581	8389.98896	0.00086	0.01765	3.30100E-08	0.04480	5.38217E-07	0.00086
445172.99	3747385.77	813.36166	3921.19507	7320.99595	0.00077	0.01719	3.21497E-08	0.04186	5.02896E-07	0.00077
445272.99	3747385.77	784.64879	3753.71071	6466.12494	0.00071	0.01671	3.12520E-08	0.03918	4.70699E-07	0.00071
445372.99	3747385.77	756.75623	3619.87508	5786.15186	0.00065	0.01622	3.03356E-08	0.03673	4.41266E-07	0.00065
445472.99	3747385.77	729.75328	3498.67852	5202.85859	0.00061	0.01566	2.92882E-08	0.03436	4.12793E-07	0.00061

445572.99	3747385.77	705.78531	3390.14477	4702.00866	0.00056	0.01511	2.82596E-08	0.03215	3.86243E-07	0.00056
444172.99	3747485.77	1383.04576	8389.98704	142103.9859	0.00974	0.03004	5.61825E-08	0.13369	1.60612E-06	0.00975
444272.99	3747485.77	1296.64265	8060.54109	80087.90425	0.00574	0.02878	5.38260E-08	0.11434	1.37365E-06	0.00574
444372.99	3747485.77	1213.99106	7624.54274	52553.87718	0.00394	0.02733	5.11141E-08	0.10152	1.21964E-06	0.00394
444472.99	3747485.77	1129.53704	7037.15777	36431.1248	0.00286	0.02543	4.75606E-08	0.08976	1.07836E-06	0.00286
444572.99	3747485.77	1053.01445	6362.79851	26144.4816	0.00215	0.02335	4.36705E-08	0.07937	9.53533E-07	0.00215
444672.99	3747485.77	996.88982	5765.01974	19727.37306	0.00170	0.02165	4.04911E-08	0.07116	8.54900E-07	0.00170
444772.99	3747485.77	959.40964	5301.12489	15681.32985	0.00141	0.02051	3.83590E-08	0.06475	7.77891E-07	0.00141
444872.99	3747485.77	927.77931	4904.56525	12769.0317	0.00119	0.01967	3.67880E-08	0.05868	7.04968E-07	0.00119
444972.99	3747485.77	897.37981	4591.65364	10657.72468	0.00104	0.01904	3.56093E-08	0.05351	6.42857E-07	0.00104
445072.99	3747485.77	864.43361	4343.27717	9042.23045	0.00091	0.01845	3.45062E-08	0.04918	5.90837E-07	0.00091
445172.99	3747485.77	830.78398	4150.80002	7808.83072	0.00082	0.01786	3.34028E-08	0.04553	5.46987E-07	0.00082
445272.99	3747485.77	798.88768	3996.27684	6844.40302	0.00075	0.01725	3.22619E-08	0.04224	5.07461E-07	0.00075
445372.99	3747485.77	771.11051	3869.66362	6072.03217	0.00069	0.01665	3.11398E-08	0.03924	4.71420E-07	0.00069
445472.99	3747485.77	749.32068	3766.6271	5441.80143	0.00064	0.01611	3.01298E-08	0.03655	4.39103E-07	0.00064
445572.99	3747485.77	733.92534	3681.13309	4916.35083	0.00060	0.01568	2.93256E-08	0.03417	4.10510E-07	0.00060
444172.99	3747585.77	1437.9141	9586.96999	170829.7189	0.01167	0.03234	6.04841E-08	0.18696	2.24609E-06	0.01167
444272.99	3747585.77	1329.13815	9003.70074	90641.52801	0.00648	0.03030	5.66688E-08	0.15077	1.81132E-06	0.00648
444372.99	3747585.77	1236.35047	8323.9355	58308.30985	0.00435	0.02834	5.30031E-08	0.12793	1.53692E-06	0.00436
444472.99	3747585.77	1150.32106	7520.79612	39544.40839	0.00309	0.02601	4.86454E-08	0.10883	1.30746E-06	0.00309
444572.99	3747585.77	1080.41888	6707.91901	27927.87843	0.00229	0.02381	4.45308E-08	0.09311	1.11860E-06	0.00229
444672.99	3747585.77	1035.85231	6097.41158	21239.50242	0.00182	0.02241	4.19125E-08	0.08247	9.90775E-07	0.00182
444772.99	3747585.77	999.80703	5596.74372	16789.66376	0.00150	0.02144	4.00983E-08	0.07370	8.85415E-07	0.00150
444872.99	3747585.77	962.18931	5193.16541	13567.13534	0.00127	0.02064	3.86021E-08	0.06575	7.89905E-07	0.00127
444972.99	3747585.77	922.75705	4895.80146	11220.27755	0.00109	0.01991	3.72368E-08	0.05923	7.11575E-07	0.00109
445072.99	3747585.77	884.66006	4680.99338	9500.97782	0.00097	0.01921	3.59276E-08	0.05412	6.50185E-07	0.00097
445172.99	3747585.77	848.64442	4493.57592	8146.80467	0.00087	0.01847	3.45436E-08	0.04952	5.94922E-07	0.00087
445272.99	3747585.77	820.51048	4347.52438	7113.74493	0.00079	0.01781	3.33093E-08	0.04555	5.47227E-07	0.00079
445372.99	3747585.77	800.70816	4227.73479	6290.37031	0.00073	0.01728	3.23180E-08	0.04205	5.05179E-07	0.00073
445472.99	3747585.77	787.69508	4118.98956	5609.18457	0.00067	0.01686	3.15325E-08	0.03892	4.67576E-07	0.00068
445572.99	3747585.77	782.73177	4038.70774	5066.73268	0.00063	0.01665	3.11398E-08	0.03635	4.36700E-07	0.00063
444172.99	3747685.77	1488.67221	11160.44615	146212.969	0.01019	0.03471	6.49166E-08	0.26299	3.15950E-06	0.01020
444272.99	3747685.77	1365.39316	10170.22241	84973.66809	0.00619	0.03194	5.97360E-08	0.19937	2.39518E-06	0.00619
444372.99	3747685.77	1266.13703	9123.68864	55340.38764	0.00422	0.02926	5.47237E-08	0.15950	1.91620E-06	0.00422
444472.99	3747685.77	1184.79016	8082.39616	37819.67038	0.00302	0.02664	4.98236E-08	0.13013	1.56335E-06	0.00302
444572.99	3747685.77	1125.80177	7184.63773	27439.749	0.00229	0.02469	4.61766E-08	0.10917	1.31154E-06	0.00230
444672.99	3747685.77	1080.78322	6499.21677	21114.87645	0.00184	0.02346	4.38762E-08	0.09476	1.13842E-06	0.00184
444772.99	3747685.77	1035.90524	5996.70967	16772.23625	0.00153	0.02249	4.20621E-08	0.08299	9.97022E-07	0.00153
444872.99	3747685.77	990.43401	5653.13373	13678.82	0.00130	0.02163	4.04537E-08	0.07335	8.81210E-07	0.00130
444972.99	3747685.77	946.04211	5382.43703	11357.05217	0.00113	0.02075	3.88078E-08	0.06553	7.87262E-07	0.00114
445072.99	3747685.77	909.32308	5164.41244	9628.84667	0.00101	0.01995	3.73116E-08	0.05928	7.12176E-07	0.00101
445172.99	3747685.77	882.20428	4975.57506	8290.38783	0.00091	0.01926	3.60212E-08	0.05385	6.46941E-07	0.00091
445272.99	3747685.77	864.36325	4808.20686	7225.46374	0.00083	0.01872	3.50112E-08	0.04904	5.89155E-07	0.00083
445372.99	3747685.77	854.41637	4660.22626	6369.5709	0.00076	0.01834	3.43005E-08	0.04490	5.39418E-07	0.00076
445472.99	3747685.77	849.98357	4524.94243	5674.95805	0.00071	0.01813	3.39078E-08	0.04140	4.97370E-07	0.00071
445572.99	3747685.77	848.34114	4394.77545	5106.08155	0.00066	0.01804	3.37394E-08	0.03849	4.62410E-07	0.00066
444172.99	3747785.77	1531.1163	13070.81093	102122.2425	0.00749	0.03674	6.87132E-08	0.13689	4.16746E-06	0.00749
444272.99	3747785.77	1407.89752	11534.71221	65058.65416	0.00500	0.03334	6.23544E-08	0.24961	2.98876E-06	0.00501
444372.99	3747785.77	1323.51087	10301.79076	45940.13319	0.00369	0.03061	5.72486E-08	0.19359	2.32575E-06	0.00370
444472.99	3747785.77	1241.98267	8882.96005	32615.00962	0.00274	0.02781	5.20118E-08	0.15321	1.84063E-06	0.00274
444572.99	3747785.77	1180.55818	7850.63455	24695.14435	0.00216	0.02604	4.87015E-08	0.12656	1.52046E-06	0.00217
444672.99	3747785.77	1123.26179	7163.54281	19453.80736	0.00178	0.02474	4.62702E-08	0.10760	1.29268E-06	0.00178
444772.99	3747785.77	1070.38866	6733.65929	15846.07809	0.00152	0.02370	4.43251E-08	0.09314	1.11896E-06	0.00152
444872.99	3747785.77	1021.21501	6368.02983	13089.82996	0.00131	0.02266	4.23800E-08	0.08129	9.76599E-07	0.00131
444972.99	3747785.77	982.49131	6043.34627	10993.78966	0.00116	0.02173	4.06407E-08	0.07199	8.64871E-07	0.00116
445072.99	3747785.77	956.65728	5763.07942	9379.34442	0.00103	0.02098	3.92380E-08	0.06433	7.72846E-07	0.00103
445172.99	3747785.77	944.81446	5550.83454	8149.11831	0.00094	0.02054	3.84151E-08	0.05800	6.96798E-07	0.00094
445272.99	3747785.77	938.3807	5341.81905	7133.21892	0.00086	0.02023	3.78353E-08	0.05243	6.29882E-07	0.00086
445372.99	3747785.77	933.68575	5131.72788	6296.31431	0.00079	0.02002	3.74425E-08	0.04772	5.73297E-07	0.00079
445472.99	3747785.77	930.46728	4936.22952	5622.95865	0.00074	0.01993	3.72742E-08	0.04391	5.27524E-07	0.00074
445572.99	3747785.77	924.77233	4738.00495	5064.93979	0.00069	0.01984	3.71059E-08	0.04072	4.89201E-07	0.00069
444172.99	3747885.77	1585.61859	15543.21937	64308.32987	0.00523	0.03863	7.22480E-08	0.39920	4.79590E-06	0.00523
444272.99	3747885.77	1475.66222	13491.93101	44370.30796	0.00381	0.03495	6.53655E-08	0.28693	3.44711E-06	0.00381
444372.99	3747885.77	1393.05724	11754.1245	33300.10573	0.00298	0.03207	5.99791E-08	0.22063	2.65060E-06	0.00298
444472.99	3747885.77	1309.67667	10119.43068	25560.60229	0.00237	0.02955	5.52666E-08	0.17503	2.10277E-06	0.00238
444572.99	3747885.77	1228.89015	8970.57017	20133.21055	0.00195	0.02751	5.14508E-08	0.14200	1.70595E-06	0.00195
444672.99	3747885.77	1165.13015	8298.90767	16622.61853	0.00167	0.02616	4.89259E-08	0.11994	1.44093E-06	0.00168
444772.99	3747885.77	1114.56631	7759.65619	13980.01892	0.00147	0.02502	4.67938E-08	0.10281	1.23514E-06	0.00147
444872.99	3747885.77	1077.2648	7262.94826	11849.14572	0.00130	0.02402	4.49236E-08	0.08912	1.07067E-06	0.00130
444972.99	3747885.77	1054.6806	6838.90895	10154.7542	0.00116	0.02326	4.35022E-08	0.07823	9.39837E-07	0.00116
445072.99	3747885.77	1042.4941	6474.28476	8791.53801	0.00105	0.02275	4.25483E-08	0.06914	8.30632E-07	0.00105
445172.99	3747885.77	1039.70039	6185.7845	7728.26775	0.00096	0.02253	4.21369E-08	0.06184	7.42931E-07	0.00096
445272.99	3747885.77	1035.67702	5896.451	6838.37094	0.00088	0.02239	4.18751E-08	0.05570	6.69167E-07	0.00088
445372.99	3747885.77	1027.10398	5602.43959	6092.35563	0.00082	0.02222	4.15571E-08	0.05065	6.08497E-07	0.00082
445472.99	3747885.77	1010.9558	5298.09245	5456.48662	0.00075	0.02194	4.10334E-08	0.04643	5.57799E-07	0.00076
445572.99	3747885.77	991.63174	5019.17209	4935.16584	0.00070	0.02160	4.03976E-08	0.04293	5.15751E-07	0.00070
444172.99	3747985.77	1707.58877	20475.94383	33741.17115	0.00359	0.04201	7.85695E-08	0.41060	4.93285E-06	0.00359
444272.99	3747985.77	1566.92049	16614.33833	26388.75869	0.00286	0.03701	6.92182E-08	0.30811	3.70156E-06	0.00286
444372.99	3747985.77	1454.7429	13787.44059	21314.31826	0.00235	0.03347	6.25975E-08	0.23882	2.86913E-06	0.00235
444472.99	3747985.77	1361.83119	11983.33946	17876.7927	0.00200	0.03110	5.81650E-08	0.19035	2.28682E-06	0.00201
444572.99	3747985.77	1286.39035	10734.83623	15332.35421	0.00176	0.02935	5.48920E-08	0.15688	1.88472E-06	0.00176
444672.99	3747985.77	1232.64051	9765.00264	13308.31792	0.00156	0.02799	5.23485E-08	0.13180	1.58341E-06	0.00156
444772.99	3747985.77	1199.60838	8979.4346	11618.55254	0.00140	0.02696	5.04221E-08	0.11205	1.34614E-06	0.00140
444872.99	3747985.77	1183.0211	8344.97632	10205.36755	0.00127	0.02625	4.90942E-08	0.09580	1.16293E-06	0.00127
444972.99	3747985.77	1171.7101	7776.59411	8982.06651	0.00115	0.02574	4.81404E-08	0.08421	1.01168E-06	0.00115
445072.99	3747985.77	1162.931	7282.71936	7965.31266	0.00105	0.02542	4.75419E-08	0.07395	8.88418E-07	0.00105
445172.99	3747985.77	1148.37787	6808.76707	7090.52474	0.00097	0.02509	4.69247E-08	0.06553	7.87262E-07	0.00097
445272.99	3747985.77	1131.41175	6394.31645	6372.62898	0.00089	0.02478	4.63450E-08	0.05897	7.08452E-07	0.00089
445372.99	3747985.77	1104.56957	5983.90079	5741.95306	0.00082	0.02430	4.54472E-08	0.05352	6.42977E-07	0.00082
445472.99	3747985.77	1070.29067	5593.65529	5193.47587	0.00076	0.02365	4.42316E-08	0.04895	5.88074E-07	0.00076
445572.99	3747985.77	1034.06837	5248.93211	4730.81121	0.00071	0.02294	4.29037E-08	0.04509	5.41701E-07	0.00071
444172.99	3748085.77	1802.43137	27833.6469	15405.79999	0.00289	0.04402	8.23287E-08	0.46067	5.53438E-06	0.00290
444272.99	3748085.77	1646.29538	21282.15295	14076.25244	0.00237	0.03887	7.26969E-08	0.33691	4.04756E-06	0.00238
444372.99	3748085.77	1530.8321	17337.85087	13072.84229	0.00205	0.03573	6.68243E-08	0.26059	3.13067E-06	0.00205
444472.99	3748085.77	1447.0913	14808.27709	12086.39072	0.00182	0.03360	6.28406E-08	0.20921	2.51340E-06	0.00182
444572.99	3748085.77	1392.18349	12969.01534	11097.69675	0.00163	0.03201	5.98669E-08	0.17218	2.06853E-06	0.00164
444672.99	3748085.77	1362.18821	11586.859	10152.81424	0.00148	0.03087	5.77348E-08	0.14362	1.72542E-06	0.00148
444772.99	3748085.77	1347.00485	10512.90903	9274.34368	0.00136	0.03012	5.63321E-08	0.12165	1.46147E-06	0.00136
444872.99	3748085.77	1333.37944	9605.65642	8449.48367	0.00124	0.02957	5.53035E-08	0.10434	1.25352E-06	0.00125
444972.99	3748085.77	1310.29585	8771.35153	7664.01514	0.00114	0.02899	5.42188E-08	0.08995	1.08064E-06	0.00114
445072.99	3748085.77	1279.44896	8035.72515	6961.06684	0.00104	0.02836	5.30405E-08	0.07846	9.42600E-07	0.00105
445172.99	3748085.77	1241.37649	7388.14129	6337.08228	0.00096	0.02764	5.16939E-08	0.06946	8.34476E-07	0.00096
445272.99	3748085.77	1197.73914	6818.53871	5783.2297	0.00089	0.02681	5.01416E-08	0.06231	7.48578E-07	0.00089
445372.99	3748085.77	1151.70573	6322.61575	5294.33027	0.00082	0.02588	4.84023E-08	0.05644	6.78057E-07	0.00082
445472.99	3748085.77	1103.09941	5874.79687	4852.56997	0.00076	0.02486	4.64946E-08	0.05147	6.18349E-07	0.00076
445572.99	3748085.77	1056.09123	5481.83975	4461.71822	0.00071	0.02383	4.45682E-08	0.04727	5.67891E-07	0.00071
444172.99	3748185.77	1915.60043	40477.63588	8526.90006	0.00327	0.04679	8.75093E-08	0.60565	7.27614E-06	0.00327

444272.99	3748185.77	1768.3299	28901.68797	8317.20089	0.00250	0.04240	7.92989E-08	0.40770	4.89801E-06	0.00251
444372.99	3748185.77	1669.435	22593.53929	8231.53527	0.00208	0.03952	7.39126E-08	0.30168	3.62431E-06	0.00209
444472.99	3748185.77	1614.23002	18659.43036	8086.63335	0.00182	0.03761	7.03404E-08	0.23633	2.83921E-06	0.00182
444572.99	3748185.77	1583.05453	15925.9509	7862.50344	0.00163	0.03625	6.77968E-08	0.19159	2.30172E-06	0.00163
444672.99	3748185.77	1555.00865	13844.0055	7544.47455	0.00147	0.03515	6.57395E-08	0.15744	1.89145E-06	0.00147
444772.99	3748185.77	1519.30681	12175.3323	7159.26973	0.00134	0.03416	6.38880E-08	0.13147	1.57945E-06	0.00134
444872.99	3748185.77	1481.16778	10886.00608	6787.0065	0.00123	0.03334	6.23544E-08	0.11188	1.34410E-06	0.00123
444972.99	3748185.77	1423.31008	9715.2283	6347.79393	0.00112	0.03219	6.02036E-08	0.09567	1.14936E-06	0.00112
445072.99	3748185.77	1360.61272	8744.7336	5922.46841	0.00103	0.03094	5.78658E-08	0.08323	9.99906E-07	0.00103
445172.99	3748185.77	1296.42072	7932.21196	5515.03235	0.00095	0.02963	5.54157E-08	0.07356	8.83733E-07	0.00095
445272.99	3748185.77	1234.98451	7254.20704	5133.14095	0.00087	0.02830	5.29283E-08	0.06580	7.90506E-07	0.00087
445372.99	3748185.77	1177.14078	6676.31211	4774.16254	0.00081	0.02698	5.04595E-08	0.05937	7.13257E-07	0.00081
445472.99	3748185.77	1124.00208	6180.01217	4440.95005	0.00075	0.02572	4.81030E-08	0.05401	6.48864E-07	0.00075
445572.99	3748185.77	1075.82839	5750.50998	4134.67777	0.00070	0.02454	4.58961E-08	0.04953	5.95042E-07	0.00070
444172.99	3748285.77	2118.10099	59306.72649	5777.3739	0.00431	0.05242	9.80389E-08	0.98862	1.18770E-05	0.00432
444272.99	3748285.77	2006.28404	40058.54076	5643.56956	0.00306	0.04861	9.09132E-08	0.56263	6.75931E-06	0.00307
444372.99	3748285.77	1941.04574	29894.54654	5664.8526	0.00241	0.04597	8.59757E-08	0.38356	4.60800E-06	0.00241
444472.99	3748285.77	1884.80947	23563.44294	5676.28496	0.00200	0.04379	8.18986E-08	0.28349	3.40578E-06	0.00200
444572.99	3748285.77	1825.83664	19325.01317	5671.43614	0.00172	0.04200	7.85508E-08	0.22057	2.64988E-06	0.00172
444672.99	3748285.77	1752.09498	16216.80819	5617.51177	0.00151	0.04026	7.52965E-08	0.17608	2.11538E-06	0.00152
444772.99	3748285.77	1672.18375	13912.85882	5528.84924	0.00135	0.03860	7.21919E-08	0.14436	1.73431E-06	0.00136
444872.99	3748285.77	1581.08291	12059.38278	5362.31422	0.00122	0.03672	6.86758E-08	0.12005	1.44225E-06	0.00122
444972.99	3748285.77	1490.79243	10593.22864	5157.15035	0.00111	0.03479	6.50662E-08	0.10194	1.22468E-06	0.00111
445072.99	3748285.77	1408.76667	9440.35347	4938.56733	0.00101	0.03294	6.16063E-08	0.08842	1.06226E-06	0.00101
445172.99	3748285.77	1332.08673	8486.66727	4699.16322	0.00093	0.03112	5.82024E-08	0.07778	9.34431E-07	0.00093
445272.99	3748285.77	1266.06574	7717.28986	4463.7769	0.00086	0.02948	5.51352E-08	0.06932	8.32794E-07	0.00086
445372.99	3748285.77	1206.18127	7065.92375	4225.09324	0.00080	0.02795	5.22737E-08	0.06240	7.49659E-07	0.00080
445472.99	3748285.77	1152.62809	6513.85922	3981.19667	0.00075	0.02656	4.96740E-08	0.05666	6.80700E-07	0.00075
445572.99	3748285.77	1104.04759	6039.46858	3757.37984	0.00070	0.02530	4.73175E-08	0.05178	6.22073E-07	0.00070
444172.99	3748385.77	2513.65421	82066.13652	4392.13771	0.00571	0.06248	1.16854E-07	2.70863	3.25408E-05	0.00574
444272.99	3748385.77	2393.19304	51744.79574	4264.10176	0.00375	0.05785	1.08194E-07	0.93435	1.12251E-05	0.00376
444372.99	3748385.77	2279.45946	36861.58814	4220.30373	0.00278	0.05419	1.01349E-07	0.53232	6.39517E-06	0.00279
444472.99	3748385.77	2157.52835	28094.11811	4242.51604	0.00221	0.05107	9.55140E-08	0.35952	4.31919E-06	0.00222
444572.99	3748385.77	2020.67441	22244.6031	4253.94561	0.00183	0.04800	8.97723E-08	0.26123	3.13836E-06	0.00183
444672.99	3748385.77	1889.98962	18256.08833	4279.21819	0.00157	0.04514	8.44234E-08	0.20011	2.40407E-06	0.00157
444772.99	3748385.77	1767.44528	15369.15643	4321.67799	0.00138	0.04235	7.92054E-08	0.15894	1.90947E-06	0.00138
444872.99	3748385.77	1652.01782	13161.86466	4279.17515	0.00123	0.03959	7.40465E-08	0.13002	1.56203E-06	0.00123
444972.99	3748385.77	1543.25989	11408.49015	4164.27836	0.00110	0.03688	6.89751E-08	0.10910	1.31070E-06	0.00110
445072.99	3748385.77	1456.44304	10102.26678	4091.61862	0.00100	0.03459	6.46922E-08	0.09406	1.13001E-06	0.00101
445172.99	3748385.77	1375.37141	9017.93958	3962.07065	0.00092	0.03245	6.06898E-08	0.08225	9.88132E-07	0.00092
445272.99	3748385.77	1306.52022	8155.0849	3827.88813	0.00085	0.03060	5.72299E-08	0.07301	8.77125E-07	0.00085
445372.99	3748385.77	1244.45964	7437.39334	3684.1062	0.00079	0.02896	5.41626E-08	0.06545	7.86301E-07	0.00079
445472.99	3748385.77	1189.29166	6841.10569	3541.14835	0.00074	0.02752	5.14695E-08	0.05909	7.09893E-07	0.00074
445572.99	3748385.77	1135.06167	6308.66966	3381.46393	0.00069	0.02613	4.88698E-08	0.05365	6.44539E-07	0.00070
444172.99	3748485.77	3011.36177	83150.91992	3523.23516	0.00575	0.07524	1.40718E-07	5.06212	6.08151E-05	0.00582
444272.99	3748485.77	2777.79534	55937.88759	3417.9526	0.00399	0.06870	1.28487E-07	2.14399	2.57574E-05	0.00401
444372.99	3748485.77	2565.33277	40638.10831	3379.88072	0.00299	0.06349	1.18743E-07	1.08249	1.30049E-05	0.00300
444472.99	3748485.77	2354.21858	30805.99052	3370.61797	0.00234	0.05844	1.09298E-07	0.48158	5.78559E-06	0.00235
444572.99	3748485.77	2163.07013	24274.76994	3383.48808	0.00191	0.05371	1.00452E-07	0.32045	3.84981E-06	0.00192
444672.99	3748485.77	1994.95425	19729.75681	3403.83622	0.00161	0.04936	9.23159E-08	0.23094	2.77446E-06	0.00162
444772.99	3748485.77	1848.78807	16442.81857	3421.43112	0.00139	0.04543	8.49658E-08	0.17660	2.12163E-06	0.00140
444872.99	3748485.77	1726.99516	14042.1499	3440.96094	0.00123	0.04206	7.86630E-08	0.14200	1.70595E-06	0.00123
444972.99	3748485.77	1614.62206	12143.97471	3424.85327	0.00110	0.03897	7.28839E-08	0.11790	1.41642E-06	0.00110
445072.99	3748485.77	1512.44076	10627.86719	3378.61136	0.00100	0.03620	6.77033E-08	0.10022	1.20402E-06	0.00100
445172.99	3748485.77	1428.67211	9474.14891	3335.67036	0.00091	0.03394	6.34765E-08	0.08706	1.04592E-06	0.00091
445272.99	3748485.77	1350.40526	8509.38105	3265.21457	0.00084	0.03188	5.96238E-08	0.07651	9.19173E-07	0.00084
445372.99	3748485.77	1284.8496	7747.48942	3188.26356	0.00078	0.03017	5.64257E-08	0.06798	8.16696E-07	0.00078
445472.99	3748485.77	1222.37684	7085.93712	3092.42725	0.00073	0.02856	5.34145E-08	0.06088	7.31398E-07	0.00073
445572.99	3748485.77	1166.28212	6528.04756	2989.54208	0.00069	0.02714	5.07588E-08	0.05492	6.59796E-07	0.00069
443047.86	3748855.7	190174.5226	18196.80576	1641.54633	0.01347	1.16706	2.18270E-06	0.03895	4.67936E-07	0.01348
443030.11	3748868.74	184254.9587	16749.62766	1617.5993	0.01300	0.99029	1.85210E-06	0.03798	4.56283E-07	0.01300
443016.91	3748884.58	203035.7233	15588.83216	1589.36118	0.01413	0.88024	1.64628E-06	0.03706	4.45230E-07	0.01413
442999.31	3748898.66	195011.5904	14423.93489	1564.84863	0.01354	0.76221	1.42553E-06	0.03613	4.34057E-07	0.01354
442983.47	3748918.02	205571.7397	13322.93335	1533.25072	0.01414	0.67038	1.25378E-06	0.03512	4.21923E-07	0.01414
442962.35	3748934.74	188450.7191	12265.33817	1506.50456	0.01297	0.57481	1.07504E-06	0.03412	4.09910E-07	0.01298
442947.39	3748948.82	179669.2634	11564.63063	1485.79976	0.01237	0.51727	9.67428E-07	0.03340	4.01260E-07	0.01237
442935.07	3748963.78	179765.3886	10973.87451	1464.39467	0.01233	0.47339	8.85361E-07	0.03274	3.93331E-07	0.01233
442916.59	3748985.78	182759.8373	10163.4199	1430.48463	0.01247	0.41469	7.75577E-07	0.03171	3.80957E-07	0.01247
442898.98	3749001.62	166165.2462	9568.67289	1406.55848	0.01137	0.36979	6.91602E-07	0.03093	3.71586E-07	0.01137
442881.38	3749017.46	144890.2507	9063.47311	1387.09959	0.00997	0.33228	6.21449E-07	0.03026	3.63537E-07	0.00997
442868.18	3749033.31	132084.8152	8658.13896	1366.99064	0.00912	0.30498	5.70391E-07	0.02966	3.56328E-07	0.00912
442854.1	3749046.51	110472.4729	8315.03159	1351.69906	0.00771	0.28105	5.25636E-07	0.02915	3.50201E-07	0.00771
442832.98	3749062.35	77249.39488	7884.04111	1332.76221	0.00555	0.25129	4.69977E-07	0.02848	3.42152E-07	0.00555
442816.26	3749081.71	56566.34255	7505.81829	1310.71014	0.00419	0.22807	4.26550E-07	0.02783	3.34343E-07	0.00420
442801.3	3749094.91	43166.5336	7233.1488	1295.7505	0.00332	0.21126	3.95111E-07	0.02734	3.28456E-07	0.00332
442780.18	3749111.63	31154.69234	6887.90215	1275.69347	0.00252	0.19090	3.57032E-07	0.02669	3.20647E-07	0.00252
442764.34	3749127.47	24818.34726	6631.8334	1259.10639	0.00210	0.17669	3.30456E-07	0.02619	3.14641E-07	0.00210
442750.26	3749130.11	21926.72307	6505.21734	1256.1139	0.00190	0.16864	3.15400E-07	0.02597	3.11998E-07	0.00191
442722.1	3749138.03	17272.95836	6247.58227	1247.6316	0.00159	0.15355	2.87178E-07	0.02549	3.06231E-07	0.00159
442705.38	3749146.83	15095.3103	6071.47636	1237.3593	0.00144	0.14457	2.70383E-07	0.02511	3.01666E-07	0.00144
442678.1	3749144.19	13097.13639	5898.19322	1235.69612	0.00130	0.13481	2.52129E-07	0.02478	2.97701E-07	0.00130
442659.62	3749147.71	11800.63821	5755.9452	1229.60401	0.00121	0.12784	2.39094E-07	0.02448	2.94097E-07	0.00121
442638.49	3749145.07	10743.74191	5634.28248	1228.55066	0.00113	0.12161	2.27442E-07	0.02423	2.91094E-07	0.00113
442662.26	3749101.07	13469.48328	6030.37251	1277.78902	0.00133	0.13666	2.55589E-07	0.02523	3.03107E-07	0.00133
442694.82	3749095.79	16493.71553	6310.13719	1283.76304	0.00155	0.15076	2.81960E-07	0.02579	3.09835E-07	0.00155
442709.78	3749094.03	18258.22724	6442.2456	1288.13032	0.00167	0.15790	2.95314E-07	0.02604	3.12838E-07	0.00167
442730.02	3749086.99	21466.404	6662.27496	1298.581	0.00189	0.16957	3.17139E-07	0.02647	3.18004E-07	0.00189
442752.02	3749068.51	26662.8817	7002.53786	1321.12285	0.00224	0.18672	3.49214E-07	0.02715	3.26174E-07	0.00225
442796.9	3749035.95	41870.50801	7767.94772	1364.28883	0.00327	0.22883	4.27971E-07	0.02854	3.42873E-07	0.00327
442817.14	3749007.78	48236.27142	8314.02536	1400.37423	0.00372	0.25664	4.79983E-07	0.02949	3.54286E-07	0.00372
442845.3	3748987.54	61335.74489	8951.57983	1427.94345	0.00460	0.29572	5.53072E-07	0.03044	3.65699E-07	0.00460
442865.54	3748973.46	72081.19418	9461.15028	1447.12845	0.00532	0.32894	6.15202E-07	0.03113	3.73989E-07	0.00533
442840.9	3748956.74	49771.42031	9267.79728	1465.92592	0.00388	0.29743	5.56271E-07	0.03105	3.73027E-07	0.00388
442888.42	3748944.42	74881.06867	10331.32732	1490.02298	0.00556	0.37644	7.04040E-07	0.03234	3.88525E-07	0.00556
442871.7	3748932.1	57685.6332	10179.44051	1504.64003	0.00445	0.34792	6.50700E-07	0.03230	3.88045E-07	0.00445
442872.58	3748910.98	51269.36056	10506.67778	1532.86082	0.00406	0.35178	6.57919E-07	0.03282	3.94292E-07	0.00406
442880.5	3748896.9	50456.98823	10895.01431	1553.4269	0.00404	0.36682	6.86048E-07	0.03335	4.00659E-07	0.00404
442906.02	3748895.14	62153.34608	11552.83621	1560.9281	0.00483	0.42037	7.86200E-07	0.03399	4.08348E-07	0.00483
442925.39	3748905.7	80055.07731	11888.87999	1550.95097	0.00600	0.46767	8.74663E-07	0.03421	4.10991E-07	0.00600
442928.03	3748871.38	62253.00195	12610.46634	1601.2148	0.00491	0.47456	8.87549E-07	0.03520	4.22885E-07	0.00491
442942.99	3748881.94	77844.11534	12872.82624	1587.98631	0.00592	0.52148	9.75302E-07	0.03529	4.23966E-07	0.00592
442959.71	3748871.38	82884.23163	13660.52433	1606.64513	0.00630	0.58004	1.08482E-06	0.03602	4.32736E-07	0.00630
442923.63	3748842.34	48303.84266	12996.541	1644.40433	0.00404	0.45462	8.50256E-07	0.03590	4.31294E-07	0.00404
442937.71	3748821.22	45115.23672	13859.20871	1682.7846	0.00389	0.48229	9.02006E-07	0.03692	4.43548E-07	0.00389
442971.15	3748822.98	58067.68392	15156.75468	1687.22191	0.00481	0.60302	1.12780E-06	0.03781	4.54241E-07	0.00481
442986.11	3748841.46	78774.98306	15398.92843	1658.21321	0.00615	0.68802	1.28677E-06	0.03763	4.52078E-07	0.00615
442985.23	3748812.42	58122.5408	16020.13506	1708.81961	0.00487	0.65520	1.22539E-06	0.03857	4.63371E-07	0.00487

443001.95	3748822.1	72051.1912	16635.51772	1696.29627	0.00580	0.75575	1.41345E-06	0.03878	4.65894E-07	0.00580
443063.55	3748836.18	164007.8853	19951.03752	1678.46678	0.01191	1.36712	2.55687E-06	0.04016	4.82473E-07	0.01191
443064.43	3748815.06	116190.4865	20726.38746	1716.26558	0.00889	1.34855	2.52214E-06	0.04095	4.91964E-07	0.00890
443051.23	3748791.3	77630.55349	20361.91533	1753.00467	0.00640	1.11035	2.07664E-06	0.04124	4.95448E-07	0.00640
443003.71	3748799.22	57590.42971	17250.30182	1737.44627	0.00491	0.73147	1.36804E-06	0.03961	4.75865E-07	0.00492
442974.67	3748795.7	46387.85233	15855.66252	1736.41436	0.00410	0.58480	1.09373E-06	0.03881	4.66254E-07	0.00411
443038.91	3748779.86	62124.25635	19785.05135	1773.23064	0.00537	0.94633	1.76988E-06	0.04126	4.95688E-07	0.00537
443027.47	3748759.61	46744.04897	19455.53076	1811.49906	0.00436	0.78572	1.46950E-06	0.04165	5.00373E-07	0.00437
443023.95	3748743.77	40112.66387	19503.29152	1840.20081	0.00394	0.71380	1.33499E-06	0.04207	5.05419E-07	0.00394
443008.99	3748724.41	32102.04577	18858.18243	1873.97948	0.00339	0.58681	1.09749E-06	0.04223	5.07341E-07	0.00339
443008.99	3748702.41	27750.27107	19147.31391	1915.0896	0.00313	0.53777	1.00577E-06	0.04294	5.15871E-07	0.00313
443097.87	3748795.7	118556.1199	24200.69945	1752.57963	0.00927	1.95322	3.65302E-06	0.04273	5.13348E-07	0.00928
443090.83	3748778.98	86775.38834	23957.41849	1780.63627	0.00722	1.64624	3.07889E-06	0.04303	5.16952E-07	0.00722
443071.47	3748764.01	65400.55511	22532.35722	1802.3734	0.00576	1.22125	2.28405E-06	0.04280	5.14189E-07	0.00576
443064.43	3748742.01	50878.00381	22361.58914	1840.0152	0.00482	1.01173	1.89220E-06	0.04326	5.19716E-07	0.00482
443051.23	3748723.53	41432.93249	21610.82184	1869.56008	0.00416	0.82158	1.53657E-06	0.04336	5.20917E-07	0.00417
443042.43	3748707.69	34944.8434	21238.6897	1900.61049	0.00373	0.70747	1.32315E-06	0.04365	5.24401E-07	0.00373
443042.43	3748691.85	31190.10214	21454.01832	1931.24924	0.00350	0.65272	1.22075E-06	0.04419	5.30888E-07	0.00350
443141.87	3748742.01	59644.28708	30998.85253	1865.30916	0.00594	2.29450	4.29130E-06	0.04659	5.59721E-07	0.00594
443121.63	3748726.17	49337.28759	28592.22116	1892.04136	0.00512	1.53496	2.87077E-06	0.04631	5.56358E-07	0.00512
443107.55	3748705.05	40040.46869	27259.18063	1929.02574	0.00444	1.11935	2.09347E-06	0.04645	5.58039E-07	0.00444
443088.19	3748676.01	31227.38101	25578.63539	1979.19134	0.00377	0.78875	1.47517E-06	0.04662	5.60082E-07	0.00377
443145.39	3748708.57	42084.40769	32287.96749	1938.26351	0.00490	1.53184	2.86493E-06	0.04817	5.78703E-07	0.00490
443176.19	3748679.53	32610.9043	38313.17461	2016.90552	0.00468	1.23576	2.31119E-06	0.05108	6.13663E-07	0.00468
443103.15	3748670.73	30581.40815	27264.64037	1998.45682	0.00384	0.82510	1.54315E-06	0.04755	5.71255E-07	0.00384
443230.76	3748790.42	76104.50217	52975.10047	1802.5819	0.00840	18.60532	3.47967E-05	0.04933	5.92639E-07	0.00843
443242.2	3748767.54	55402.40822	57587.31809	1853.79127	0.00737	6.59912	1.23421E-05	0.05107	6.13543E-07	0.00738
443255.4	3748742.89	42181.63324	62639.3395	1908.82356	0.00685	3.31496	6.19983E-06	0.05299	6.36609E-07	0.00685
443265.08	3748712.97	32536.24609	66679.08991	1979.58441	0.00649	1.91868	3.58842E-06	0.05509	6.61838E-07	0.00650
443278.28	3748687.45	26931.11498	74481.73064	2042.08235	0.00664	1.34529	2.51604E-06	0.05722	6.87428E-07	0.00664
443297.64	3748659.29	21715.35095	91648.07506	2123.34837	0.00741	0.95696	1.78976E-06	0.06029	7.24310E-07	0.00741
443306.44	3748793.94	58151.09047	116807.2056	1788.8852	0.01134	5.89623	1.10275E-05	0.05284	6.34807E-07	0.01135
443339.88	3748786.02	44824.80852	172221.5411	1808.7877	0.01404	3.56274	6.66324E-06	0.05536	6.65082E-07	0.01405
443371.56	3748768.42	32513.25372	219988.9323	1856.98407	0.01632	2.13893	4.00035E-06	0.05886	7.07130E-07	0.01632
443392.68	3748756.97	27307.76707	253997.1947	1886.57815	0.01817	1.62568	3.04044E-06	0.06126	7.35963E-07	0.01817
443418.2	3748739.37	22085.85394	281301.3722	1932.24487	0.01959	1.17862	2.20432E-06	0.06463	7.76450E-07	0.01959
443444.6	3748724.41	18754.58459	310616.0752	1968.75097	0.02126	0.91862	1.71806E-06	0.06799	8.16816E-07	0.02126
443471.89	3748711.21	15814.70795	334803.7464	2011.05055	0.02262	0.73086	1.36690E-06	0.07205	8.65592E-07	0.02263
443496.53	3748694.49	13556.14988	334405.3101	2060.43164	0.02246	0.59044	1.10427E-06	0.07635	9.17251E-07	0.02246
443525.57	3748681.29	11974.15848	358978.4442	2098.07712	0.02394	0.49316	9.22336E-07	0.08106	9.73836E-07	0.02394
443548.45	3748668.09	10626.28059	346190.5484	2143.68567	0.02303	0.42023	7.85938E-07	0.08582	1.03102E-06	0.02303
443583.65	3748651.37	9230.76486	389030.5134	2200.90387	0.02569	0.34539	6.45968E-07	0.09328	1.12064E-06	0.02570

Trails of Corona

2021 | No Mitigation | at Sensitive Receptors | No Mitigation | at Sensitive Receptors

Construction Annual DPM Emissions (as PM10 Exhaust)

X (m)	Y (m)	Onsite Annual DPM Exhaust w/Unit Emissions (ug/m3)	Onsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite L1 Annual DPM Exhaust w/Unit Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite L2 Annual DPM Exhaust w/Unit Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Total DPM (ug/m3)
443543.62	3748016.2	35156.94454	0.00193	0.07477	1.07029E-06	0.41552	3.82070E-05	0.00197
443581.38	3748016.2	36622.07968	0.00201	0.07287	1.04309E-06	0.52827	4.85743E-05	0.00206
443619.14	3748016.2	38578.71528	0.00212	0.07096	1.01575E-06	0.69873	6.42481E-05	0.00218
443656.9	3748016.2	40918.00742	0.00224	0.06920	9.90556E-07	0.98771	9.08197E-05	0.00234
443694.66	3748016.2	43836.17418	0.00240	0.06805	9.74094E-07	1.56020	1.43460E-04	0.00255
443732.42	3748016.2	45683.33344	0.00251	0.06551	9.37736E-07	3.41537	3.14043E-04	0.00282
443543.62	3748046.66	36897.38741	0.00202	0.07866	1.12597E-06	0.36211	3.32959E-05	0.00206
443581.38	3748046.66	38550.11084	0.00211	0.07661	1.09663E-06	0.44715	4.11154E-05	0.00216
443619.14	3748046.66	40642.28578	0.00223	0.07449	1.06628E-06	0.56902	5.23213E-05	0.00228
443656.9	3748046.66	43341.14312	0.00238	0.07289	1.04338E-06	0.75771	6.96713E-05	0.00245
443694.66	3748046.66	46809.0846	0.00257	0.07199	1.03049E-06	1.07871	9.91872E-05	0.00267
443732.42	3748046.66	48755.43749	0.00267	0.06933	9.92417E-07	1.85184	1.70276E-04	0.00285
443543.62	3748077.12	39404.88209	0.00216	0.08341	1.19396E-06	0.31914	2.93449E-05	0.00219
443581.38	3748077.12	41316.11417	0.00227	0.08112	1.16118E-06	0.38525	3.54237E-05	0.00230
443619.14	3748077.12	43760.54368	0.00240	0.07893	1.12984E-06	0.47585	4.37543E-05	0.00245
443656.9	3748077.12	46150.17698	0.00253	0.07628	1.09190E-06	0.61043	5.61289E-05	0.00259
443694.66	3748077.12	49883.26321	0.00274	0.07513	1.07544E-06	0.82192	7.55754E-05	0.00281
443732.42	3748077.12	52236.79016	0.00287	0.07229	1.03479E-06	1.24369	1.14357E-04	0.00298
443543.62	3748107.58	42664.91899	0.00234	0.08886	1.27198E-06	0.28422	2.61340E-05	0.00237
443581.38	3748107.58	44769.17854	0.00246	0.08600	1.23104E-06	0.33721	3.10064E-05	0.00249
443619.14	3748107.58	46761.89683	0.00257	0.08232	1.17836E-06	0.40813	3.75275E-05	0.00260
443656.9	3748107.58	49529.12199	0.00272	0.07943	1.13699E-06	0.50715	4.66323E-05	0.00277
443694.66	3748107.58	54047.9059	0.00297	0.07834	1.12139E-06	0.65526	6.02510E-05	0.00303
443732.42	3748107.58	57212.48007	0.00314	0.07534	1.07845E-06	0.91330	8.39778E-05	0.00322
443543.62	3748138.04	46381.87285	0.00254	0.09424	1.34899E-06	0.25588	2.35281E-05	0.00257
443581.38	3748138.04	48334.7879	0.00265	0.09014	1.29030E-06	0.29950	2.75390E-05	0.00268
443619.14	3748138.04	50689.1187	0.00278	0.08599	1.23089E-06	0.35541	3.26799E-05	0.00281
443656.9	3748138.04	54323.18345	0.00298	0.08313	1.18996E-06	0.43068	3.96009E-05	0.00302
443694.66	3748138.04	59870.18055	0.00328	0.08181	1.17106E-06	0.53911	4.95711E-05	0.00334
443732.42	3748138.04	64471.89771	0.00354	0.07872	1.12683E-06	0.71038	6.53193E-05	0.00360
443543.62	3748168.5	50491.68567	0.00277	0.09937	1.42242E-06	0.23252	2.13802E-05	0.00279
443581.38	3748168.5	53041.01358	0.00291	0.09492	1.35872E-06	0.26851	2.46894E-05	0.00294
443619.14	3748168.5	56037.73207	0.00307	0.09031	1.29273E-06	0.31357	2.88327E-05	0.00310
443656.9	3748168.5	61039.14776	0.00335	0.08751	1.25265E-06	0.37265	3.42651E-05	0.00338
443694.66	3748168.5	68167.33276	0.00374	0.08580	1.22817E-06	0.45466	4.18059E-05	0.00378
443732.42	3748168.5	74705.07557	0.00410	0.08219	1.17650E-06	0.57593	5.29567E-05	0.00415
444172.99	3747085.77	29448.16587	0.00162	0.02206	3.15776E-07	0.05535	5.08942E-06	0.00162
444272.99	3747085.77	25352.98114	0.00139	0.02204	3.15489E-07	0.05310	4.88253E-06	0.00140
444372.99	3747085.77	21798.2038	0.00120	0.02195	3.14201E-07	0.05019	4.61496E-06	0.00120
444472.99	3747085.77	18895.27197	0.00104	0.02149	3.07616E-07	0.04684	4.30693E-06	0.00104
444572.99	3747085.77	16521.66666	0.00091	0.02067	2.95879E-07	0.04363	4.01177E-06	0.00091
444672.99	3747085.77	14763.1768	0.00081	0.01976	2.82852E-07	0.04146	3.81224E-06	0.00081
444772.99	3747085.77	13333.48087	0.00073	0.01874	2.68252E-07	0.03956	3.63753E-06	0.00074
444872.99	3747085.77	12154.7418	0.00067	0.01774	2.53937E-07	0.03783	3.47846E-06	0.00067
444972.99	3747085.77	11145.1858	0.00061	0.01678	2.40196E-07	0.03597	3.30743E-06	0.00062
445072.99	3747085.77	10314.7653	0.00057	0.01597	2.28601E-07	0.03416	3.14101E-06	0.00057
445172.99	3747085.77	9613.03502	0.00053	0.01534	2.19583E-07	0.03255	2.99297E-06	0.00053
445272.99	3747085.77	9030.44559	0.00050	0.01490	2.13284E-07	0.03124	2.87251E-06	0.00050
445372.99	3747085.77	8484.53473	0.00047	0.01453	2.07988E-07	0.02991	2.75022E-06	0.00047

445472.99	3747085.77	7969.51529	0.00044	0.01420	2.03264E-07	0.02848	2.61873E-06	0.00044
445572.99	3747085.77	7523.0254	0.00041	0.01389	1.98827E-07	0.02711	2.49276E-06	0.00042
444172.99	3747185.77	47140.33562	0.00259	0.02369	3.39108E-07	0.06532	6.00616E-06	0.00259
444272.99	3747185.77	36070.83486	0.00198	0.02372	3.39537E-07	0.06178	5.68066E-06	0.00198
444372.99	3747185.77	28781.62787	0.00158	0.02340	3.34957E-07	0.05771	5.30642E-06	0.00158
444472.99	3747185.77	23544.8421	0.00129	0.02256	3.22933E-07	0.05309	4.88162E-06	0.00130
444572.99	3747185.77	19933.52106	0.00109	0.02149	3.07616E-07	0.04949	4.55060E-06	0.00110
444672.99	3747185.77	17335.878	0.00095	0.02033	2.91012E-07	0.04684	4.30693E-06	0.00096
444772.99	3747185.77	15280.27518	0.00084	0.01912	2.73691E-07	0.04438	4.08073E-06	0.00084
444872.99	3747185.77	13689.80145	0.00075	0.01802	2.57945E-07	0.04210	3.87109E-06	0.00076
444972.99	3747185.77	12412.60824	0.00068	0.01710	2.44776E-07	0.03975	3.65500E-06	0.00068
445072.99	3747185.77	11343.53923	0.00062	0.01637	2.34327E-07	0.03743	3.44168E-06	0.00063
445172.99	3747185.77	10448.35434	0.00057	0.01584	2.26740E-07	0.03544	3.25870E-06	0.00058
445272.99	3747185.77	9719.27185	0.00053	0.01547	2.21444E-07	0.03379	3.10698E-06	0.00054
445372.99	3747185.77	9037.83716	0.00050	0.01511	2.16290E-07	0.03204	2.94607E-06	0.00050
445472.99	3747185.77	8440.92228	0.00046	0.01474	2.10994E-07	0.03032	2.78792E-06	0.00047
445572.99	3747185.77	7914.78359	0.00043	0.01435	2.05412E-07	0.02867	2.63620E-06	0.00044
444172.99	3747285.77	76910.80717	0.00422	0.02562	3.66735E-07	0.07905	7.26863E-06	0.00423
444272.99	3747285.77	52107.24958	0.00286	0.02541	3.63729E-07	0.07290	6.70314E-06	0.00287
444372.99	3747285.77	38305.54689	0.00210	0.02472	3.53852E-07	0.06724	6.18270E-06	0.00211
444472.99	3747285.77	29912.32438	0.00164	0.02360	3.37820E-07	0.06193	5.69445E-06	0.00165
444572.99	3747285.77	24413.72426	0.00134	0.02225	3.18495E-07	0.05743	5.28068E-06	0.00135
444672.99	3747285.77	20479.76338	0.00112	0.02082	2.98026E-07	0.05363	4.93127E-06	0.00113
444772.99	3747285.77	17590.99786	0.00097	0.01948	2.78844E-07	0.05026	4.62140E-06	0.00097
444872.99	3747285.77	15450.1467	0.00085	0.01839	2.63242E-07	0.04709	4.32992E-06	0.00085
444972.99	3747285.77	13731.21867	0.00075	0.01754	2.51074E-07	0.04381	4.02832E-06	0.00076
445072.99	3747285.77	12392.71842	0.00068	0.01694	2.42486E-07	0.04098	3.76810E-06	0.00068
445172.99	3747285.77	11291.96327	0.00062	0.01649	2.36044E-07	0.03856	3.54558E-06	0.00062
445272.99	3747285.77	10373.34735	0.00057	0.01610	2.30462E-07	0.03638	3.34513E-06	0.00057
445372.99	3747285.77	9596.84047	0.00053	0.01570	2.24736E-07	0.03428	3.15204E-06	0.00053
445472.99	3747285.77	8934.88398	0.00049	0.01526	2.18438E-07	0.03228	2.96814E-06	0.00049
445572.99	3747285.77	8349.29477	0.00046	0.01475	2.11137E-07	0.03037	2.79252E-06	0.00046
444172.99	3747385.77	114206.4687	0.00627	0.02775	3.97224E-07	0.10003	9.19774E-06	0.00628
444272.99	3747385.77	71489.65336	0.00392	0.02716	3.88779E-07	0.08976	8.25341E-06	0.00393
444372.99	3747385.77	49973.32393	0.00274	0.02607	3.73176E-07	0.08131	7.47644E-06	0.00275
444472.99	3747385.77	37613.24672	0.00206	0.02463	3.52564E-07	0.07400	6.80429E-06	0.00207
444572.99	3747385.77	29949.0782	0.00164	0.02312	3.30949E-07	0.06818	6.26914E-06	0.00165
444672.99	3747385.77	23789.08825	0.00131	0.02124	3.04038E-07	0.06178	5.68066E-06	0.00131
444772.99	3747385.77	19934.89263	0.00109	0.01990	2.84856E-07	0.05705	5.24574E-06	0.00110
444872.99	3747385.77	17129.07172	0.00094	0.01891	2.70685E-07	0.05252	4.82920E-06	0.00094
444972.99	3747385.77	15023.72637	0.00082	0.01820	2.60522E-07	0.04839	4.44945E-06	0.00083
445072.99	3747385.77	13355.55417	0.00073	0.01765	2.52649E-07	0.04480	4.11935E-06	0.00074
445172.99	3747385.77	12055.55268	0.00066	0.01719	2.46064E-07	0.04186	3.84902E-06	0.00067
445272.99	3747385.77	11004.48444	0.00060	0.01671	2.39194E-07	0.03918	3.60259E-06	0.00061
445372.99	3747385.77	10162.78317	0.00056	0.01622	2.32179E-07	0.03673	3.37732E-06	0.00056
445472.99	3747385.77	9431.29039	0.00052	0.01566	2.24163E-07	0.03436	3.15940E-06	0.00052
445572.99	3747385.77	8797.93874	0.00048	0.01511	2.16290E-07	0.03215	2.95619E-06	0.00049
444172.99	3747485.77	151877.0187	0.00833	0.03004	4.30004E-07	0.13369	1.22928E-05	0.00835
444272.99	3747485.77	89445.08799	0.00491	0.02878	4.11968E-07	0.11434	1.05135E-05	0.00492
444372.99	3747485.77	61392.41098	0.00337	0.02733	3.91212E-07	0.10152	9.33474E-06	0.00338
444472.99	3747485.77	44597.81961	0.00245	0.02543	3.64015E-07	0.08976	8.25341E-06	0.00246
444572.99	3747485.77	33560.29456	0.00184	0.02335	3.34241E-07	0.07937	7.29806E-06	0.00185
444672.99	3747485.77	26489.28262	0.00145	0.02165	3.09907E-07	0.07116	6.54315E-06	0.00146
444772.99	3747485.77	21941.86438	0.00120	0.02051	2.93588E-07	0.06475	5.95375E-06	0.00121
444872.99	3747485.77	18601.37626	0.00102	0.01967	2.81564E-07	0.05868	5.39561E-06	0.00103
444972.99	3747485.77	16146.75813	0.00089	0.01904	2.72546E-07	0.05351	4.92023E-06	0.00089
445072.99	3747485.77	14249.94123	0.00078	0.01845	2.64101E-07	0.04918	4.52209E-06	0.00079
445172.99	3747485.77	12790.41472	0.00070	0.01786	2.55655E-07	0.04553	4.18647E-06	0.00071
445272.99	3747485.77	11639.56754	0.00064	0.01725	2.46923E-07	0.04224	3.88396E-06	0.00064

445372.99	3747485.77	10712.8063	0.00059	0.01665	2.38335E-07	0.03924	3.60811E-06	0.00059
445472.99	3747485.77	9957.74921	0.00055	0.01611	2.30605E-07	0.03655	3.36077E-06	0.00055
445572.99	3747485.77	9331.40926	0.00051	0.01568	2.24450E-07	0.03417	3.14192E-06	0.00052
444172.99	3747585.77	181854.603	0.00998	0.03234	4.62927E-07	0.18696	1.71909E-05	0.00999
444272.99	3747585.77	100974.3669	0.00554	0.03030	4.33726E-07	0.15077	1.38633E-05	0.00555
444372.99	3747585.77	67868.59582	0.00372	0.02834	4.05670E-07	0.12793	1.17631E-05	0.00374
444472.99	3747585.77	48215.52557	0.00265	0.02601	3.72317E-07	0.10883	1.00069E-05	0.00266
444572.99	3747585.77	35716.21632	0.00196	0.02381	3.40826E-07	0.09311	8.56145E-06	0.00197
444672.99	3747585.77	28372.76631	0.00156	0.02241	3.20786E-07	0.08247	7.58310E-06	0.00156
444772.99	3747585.77	23386.21451	0.00128	0.02144	3.06901E-07	0.07370	6.77670E-06	0.00129
444872.99	3747585.77	19722.49006	0.00108	0.02064	2.95449E-07	0.06575	6.04570E-06	0.00109
444972.99	3747585.77	17038.83606	0.00093	0.01991	2.85000E-07	0.05923	5.44619E-06	0.00094
445072.99	3747585.77	15066.63126	0.00083	0.01921	2.74979E-07	0.05412	4.97632E-06	0.00083
445172.99	3747585.77	13489.02501	0.00074	0.01847	2.64387E-07	0.04952	4.55335E-06	0.00074
445272.99	3747585.77	12281.77979	0.00067	0.01781	2.54939E-07	0.04555	4.18831E-06	0.00068
445372.99	3747585.77	11318.81326	0.00062	0.01728	2.47353E-07	0.04205	3.86649E-06	0.00063
445472.99	3747585.77	10515.86921	0.00058	0.01686	2.41341E-07	0.03892	3.57869E-06	0.00058
445572.99	3747585.77	9888.17219	0.00054	0.01665	2.38335E-07	0.03635	3.34238E-06	0.00055
444172.99	3747685.77	158862.0873	0.00872	0.03471	4.96853E-07	0.26299	2.41819E-05	0.00874
444272.99	3747685.77	96509.28366	0.00529	0.03194	4.57202E-07	0.19937	1.83320E-05	0.00531
444372.99	3747685.77	65730.21331	0.00361	0.02926	4.18839E-07	0.15950	1.46660E-05	0.00362
444472.99	3747685.77	47086.8567	0.00258	0.02664	3.81335E-07	0.13013	1.19654E-05	0.00260
444572.99	3747685.77	35750.1885	0.00196	0.02469	3.53422E-07	0.10917	1.00382E-05	0.00197
444672.99	3747685.77	28694.87644	0.00157	0.02346	3.35816E-07	0.09476	8.71316E-06	0.00158
444772.99	3747685.77	23804.85116	0.00131	0.02249	3.21931E-07	0.08299	7.63091E-06	0.00131
444872.99	3747685.77	20322.38774	0.00111	0.02163	3.09620E-07	0.07335	6.74452E-06	0.00112
444972.99	3747685.77	17685.53131	0.00097	0.02075	2.97024E-07	0.06553	6.02547E-06	0.00098
445072.99	3747685.77	15702.58219	0.00086	0.01995	2.85572E-07	0.05928	5.45078E-06	0.00087
445172.99	3747685.77	14148.16717	0.00078	0.01926	2.75695E-07	0.05385	4.95150E-06	0.00078
445272.99	3747685.77	12898.03385	0.00071	0.01872	2.67965E-07	0.04904	4.50922E-06	0.00071
445372.99	3747685.77	11884.21353	0.00065	0.01834	2.62526E-07	0.04490	4.12855E-06	0.00066
445472.99	3747685.77	11049.88405	0.00061	0.01813	2.59520E-07	0.04140	3.80672E-06	0.00061
445572.99	3747685.77	10349.19814	0.00057	0.01804	2.58232E-07	0.03849	3.53915E-06	0.00057
444172.99	3747785.77	116724.1697	0.00640	0.03674	5.25911E-07	0.34689	3.18965E-05	0.00644
444272.99	3747785.77	78001.26389	0.00428	0.03334	4.77242E-07	0.24961	2.29516E-05	0.00430
444372.99	3747785.77	57565.43482	0.00316	0.03061	4.38164E-07	0.19359	1.78006E-05	0.00318
444472.99	3747785.77	42739.95234	0.00234	0.02781	3.98083E-07	0.15321	1.40876E-05	0.00236
444572.99	3747785.77	33726.33708	0.00185	0.02604	3.72747E-07	0.12656	1.16372E-05	0.00186
444672.99	3747785.77	27740.61196	0.00152	0.02474	3.54138E-07	0.10760	9.89380E-06	0.00153
444772.99	3747785.77	23650.12604	0.00130	0.02370	3.39251E-07	0.09314	8.56420E-06	0.00131
444872.99	3747785.77	20479.0748	0.00112	0.02266	3.24364E-07	0.08129	7.47460E-06	0.00113
444972.99	3747785.77	18019.62724	0.00099	0.02173	3.11052E-07	0.07199	6.61947E-06	0.00100
445072.99	3747785.77	16099.08112	0.00088	0.02098	3.00316E-07	0.06433	5.91513E-06	0.00089
445172.99	3747785.77	14644.76731	0.00080	0.02054	2.94018E-07	0.05800	5.33309E-06	0.00081
445272.99	3747785.77	13413.41867	0.00074	0.02023	2.89580E-07	0.05243	4.82093E-06	0.00074
445372.99	3747785.77	12361.72794	0.00068	0.02002	2.86574E-07	0.04772	4.38784E-06	0.00068
445472.99	3747785.77	11489.65545	0.00063	0.01993	2.85286E-07	0.04391	4.03752E-06	0.00063
445572.99	3747785.77	10727.71707	0.00059	0.01984	2.83998E-07	0.04072	3.74420E-06	0.00059
444172.99	3747885.77	81437.16783	0.00447	0.03863	5.52965E-07	0.39920	3.67064E-05	0.00451
444272.99	3747885.77	59337.90119	0.00326	0.03495	5.00288E-07	0.28693	2.63832E-05	0.00328
444372.99	3747885.77	46447.28747	0.00255	0.03207	4.59063E-07	0.22063	2.02869E-05	0.00257
444472.99	3747885.77	36989.70964	0.00203	0.02955	4.22990E-07	0.17503	1.60940E-05	0.00205
444572.99	3747885.77	30332.67087	0.00166	0.02751	3.93789E-07	0.14200	1.30569E-05	0.00168
444672.99	3747885.77	26086.65635	0.00143	0.02616	3.74465E-07	0.11994	1.10285E-05	0.00144
444772.99	3747885.77	22854.24142	0.00125	0.02502	3.58146E-07	0.10281	9.45336E-06	0.00126
444872.99	3747885.77	20189.35878	0.00111	0.02402	3.43832E-07	0.08912	8.19457E-06	0.00112
444972.99	3747885.77	18048.34375	0.00099	0.02326	3.32953E-07	0.07823	7.19323E-06	0.00100
445072.99	3747885.77	16308.31687	0.00089	0.02275	3.25652E-07	0.06914	6.35741E-06	0.00090
445172.99	3747885.77	14953.75264	0.00082	0.02253	3.22503E-07	0.06184	5.68618E-06	0.00083

445272.99	3747885.77	13770.49896	0.00076	0.02239	3.20499E-07	0.05570	5.12160E-06	0.00076
445372.99	3747885.77	12721.8992	0.00070	0.02222	3.18066E-07	0.05065	4.65726E-06	0.00070
445472.99	3747885.77	11765.53487	0.00065	0.02194	3.14058E-07	0.04643	4.26923E-06	0.00065
445572.99	3747885.77	10945.96967	0.00060	0.02160	3.09191E-07	0.04293	3.94741E-06	0.00060
444172.99	3747985.77	55924.70375	0.00307	0.04201	6.01348E-07	0.41060	3.77546E-05	0.00311
444272.99	3747985.77	44570.01751	0.00245	0.03701	5.29776E-07	0.30811	2.83307E-05	0.00247
444372.99	3747985.77	36556.50175	0.00201	0.03347	4.79103E-07	0.23882	2.19595E-05	0.00203
444472.99	3747985.77	31221.96335	0.00171	0.03110	4.45178E-07	0.19035	1.75026E-05	0.00173
444572.99	3747985.77	27353.58079	0.00150	0.02935	4.20127E-07	0.15688	1.44251E-05	0.00152
444672.99	3747985.77	24305.96107	0.00133	0.02799	4.00660E-07	0.13180	1.21190E-05	0.00135
444772.99	3747985.77	21797.59552	0.00120	0.02696	3.85916E-07	0.11205	1.03030E-05	0.00121
444872.99	3747985.77	19733.36497	0.00108	0.02625	3.75753E-07	0.09680	8.90074E-06	0.00109
444972.99	3747985.77	17930.37072	0.00098	0.02574	3.68452E-07	0.08421	7.74309E-06	0.00099
445072.99	3747985.77	16410.96302	0.00090	0.02542	3.63872E-07	0.07395	6.79969E-06	0.00091
445172.99	3747985.77	15047.66968	0.00083	0.02509	3.59148E-07	0.06553	6.02547E-06	0.00083
445272.99	3747985.77	13898.35718	0.00076	0.02478	3.54711E-07	0.05897	5.42228E-06	0.00077
445372.99	3747985.77	12830.42342	0.00070	0.02430	3.47840E-07	0.05352	4.92115E-06	0.00071
445472.99	3747985.77	11857.42183	0.00065	0.02365	3.38535E-07	0.04895	4.50094E-06	0.00066
445572.99	3747985.77	11013.81169	0.00060	0.02294	3.28372E-07	0.04509	4.14602E-06	0.00061
444172.99	3748085.77	45041.87826	0.00247	0.04402	6.30120E-07	0.46067	4.23585E-05	0.00251
444272.99	3748085.77	37004.70077	0.00203	0.03887	5.56400E-07	0.33691	3.09788E-05	0.00206
444372.99	3748085.77	31941.52526	0.00175	0.03573	5.11453E-07	0.26059	2.39612E-05	0.00178
444472.99	3748085.77	28341.75911	0.00155	0.03360	4.80964E-07	0.20921	1.92368E-05	0.00157
444572.99	3748085.77	25458.89558	0.00140	0.03201	4.58204E-07	0.17218	1.58319E-05	0.00141
444672.99	3748085.77	23101.86145	0.00127	0.03087	4.41885E-07	0.14362	1.32058E-05	0.00128
444772.99	3748085.77	21134.25756	0.00116	0.03012	4.31150E-07	0.12165	1.11857E-05	0.00117
444872.99	3748085.77	19388.51953	0.00106	0.02957	4.23277E-07	0.10434	9.59404E-06	0.00107
444972.99	3748085.77	17745.66252	0.00097	0.02899	4.14974E-07	0.08995	8.27089E-06	0.00098
445072.99	3748085.77	16276.24095	0.00089	0.02836	4.05956E-07	0.07846	7.21438E-06	0.00090
445172.99	3748085.77	14966.60006	0.00082	0.02764	3.95650E-07	0.06946	6.38683E-06	0.00083
445272.99	3748085.77	13799.50755	0.00076	0.02681	3.83769E-07	0.06231	5.72939E-06	0.00076
445372.99	3748085.77	12768.65175	0.00070	0.02588	3.70456E-07	0.05644	5.18965E-06	0.00071
445472.99	3748085.77	11830.46625	0.00065	0.02486	3.55856E-07	0.05147	4.73266E-06	0.00065
445572.99	3748085.77	10999.6492	0.00060	0.02383	3.41112E-07	0.04727	4.34647E-06	0.00061
444172.99	3748185.77	50920.13637	0.00279	0.04679	6.69770E-07	0.60565	5.56894E-05	0.00285
444272.99	3748185.77	38987.21876	0.00214	0.04240	6.06930E-07	0.40770	3.74879E-05	0.00218
444372.99	3748185.77	32494.50956	0.00178	0.03952	5.65705E-07	0.30168	2.77394E-05	0.00181
444472.99	3748185.77	28360.29373	0.00156	0.03761	5.38364E-07	0.23633	2.17305E-05	0.00158
444572.99	3748185.77	25371.50887	0.00139	0.03625	5.18897E-07	0.19159	1.76167E-05	0.00141
444672.99	3748185.77	22943.4887	0.00126	0.03515	5.03151E-07	0.15744	1.44766E-05	0.00127
444772.99	3748185.77	20853.90884	0.00114	0.03416	4.88980E-07	0.13147	1.20886E-05	0.00116
444872.99	3748185.77	19154.18036	0.00105	0.03334	4.77242E-07	0.11188	1.02873E-05	0.00106
444972.99	3748185.77	17486.33231	0.00096	0.03219	4.60780E-07	0.09567	8.79684E-06	0.00097
445072.99	3748185.77	16027.81473	0.00088	0.03094	4.42887E-07	0.08323	7.65298E-06	0.00089
445172.99	3748185.77	14743.66503	0.00081	0.02963	4.24135E-07	0.07356	6.76383E-06	0.00082
445272.99	3748185.77	13622.3325	0.00075	0.02830	4.05097E-07	0.06580	6.05030E-06	0.00075
445372.99	3748185.77	12627.61543	0.00069	0.02698	3.86202E-07	0.05937	5.45906E-06	0.00070
445472.99	3748185.77	11744.9643	0.00064	0.02572	3.68166E-07	0.05401	4.96621E-06	0.00065
445572.99	3748185.77	10961.01614	0.00060	0.02454	3.51275E-07	0.04953	4.55427E-06	0.00061
444172.99	3748285.77	67202.20138	0.00369	0.05242	7.50360E-07	0.98862	9.09034E-05	0.00378
444272.99	3748285.77	47708.39436	0.00262	0.04861	6.95823E-07	0.56263	5.17337E-05	0.00267
444372.99	3748285.77	37500.44488	0.00206	0.04597	6.58033E-07	0.38356	3.52683E-05	0.00209
444472.99	3748285.77	31124.53737	0.00171	0.04379	6.26827E-07	0.28349	2.60669E-05	0.00173
444572.99	3748285.77	26822.28595	0.00147	0.04200	6.01205E-07	0.22057	2.02814E-05	0.00149
444672.99	3748285.77	23586.41494	0.00129	0.04026	5.76297E-07	0.17608	1.61905E-05	0.00131
444772.99	3748285.77	21113.89181	0.00116	0.03860	5.52536E-07	0.14436	1.32739E-05	0.00117
444872.99	3748285.77	19002.77991	0.00104	0.03672	5.25625E-07	0.12005	1.10386E-05	0.00105
444972.99	3748285.77	17241.17142	0.00095	0.03479	4.97998E-07	0.10194	9.37336E-06	0.00096
445072.99	3748285.77	15787.68747	0.00087	0.03294	4.71516E-07	0.08842	8.13020E-06	0.00087

445172.99	3748285.77	14517.91722	0.00080	0.03112	4.45464E-07	0.07778	7.15186E-06	0.00080
445272.99	3748285.77	13447.1325	0.00074	0.02948	4.21988E-07	0.06932	6.37396E-06	0.00074
445372.99	3748285.77	12497.19826	0.00069	0.02795	4.00087E-07	0.06240	5.73767E-06	0.00069
445472.99	3748285.77	11647.68398	0.00064	0.02656	3.80190E-07	0.05666	5.20988E-06	0.00064
445572.99	3748285.77	10900.89601	0.00060	0.02530	3.62154E-07	0.05178	4.76116E-06	0.00060
444172.99	3748385.77	88971.92844	0.00488	0.06248	8.94363E-07	2.70863	2.49058E-04	0.00513
444272.99	3748385.77	58402.09054	0.00320	0.05785	8.28088E-07	0.93435	8.59133E-05	0.00329
444372.99	3748385.77	43361.35133	0.00238	0.05419	7.75697E-07	0.53232	4.89467E-05	0.00243
444472.99	3748385.77	34494.1625	0.00189	0.05107	7.31036E-07	0.35952	3.30578E-05	0.00193
444572.99	3748385.77	28519.22312	0.00156	0.04800	6.87091E-07	0.26123	2.40200E-05	0.00159
444672.99	3748385.77	24425.29614	0.00134	0.04514	6.46152E-07	0.20011	1.84001E-05	0.00136
444772.99	3748385.77	21458.2797	0.00118	0.04235	6.06215E-07	0.15894	1.46145E-05	0.00119
444872.99	3748385.77	19093.05763	0.00105	0.03959	5.66707E-07	0.13002	1.19553E-05	0.00106
444972.99	3748385.77	17116.0284	0.00094	0.03688	5.27915E-07	0.10910	1.00317E-05	0.00095
445072.99	3748385.77	15650.32844	0.00086	0.03459	4.95135E-07	0.09406	8.64880E-06	0.00087
445172.99	3748385.77	14355.38164	0.00079	0.03245	4.64502E-07	0.08225	7.56287E-06	0.00080
445272.99	3748385.77	13289.49325	0.00073	0.03060	4.38020E-07	0.07301	6.71326E-06	0.00074
445372.99	3748385.77	12365.95918	0.00068	0.02896	4.14545E-07	0.06545	6.01811E-06	0.00068
445472.99	3748385.77	11571.5457	0.00063	0.02752	3.93932E-07	0.05909	5.43331E-06	0.00064
445572.99	3748385.77	10825.19526	0.00059	0.02613	3.74035E-07	0.05365	4.93311E-06	0.00060
444172.99	3748485.77	89685.51685	0.00492	0.07524	1.07701E-06	5.06212	4.65461E-04	0.00539
444272.99	3748485.77	62133.63553	0.00341	0.06870	9.83399E-07	2.14399	1.97139E-04	0.00361
444372.99	3748485.77	46583.3218	0.00256	0.06349	9.08821E-07	0.83445	7.67275E-05	0.00263
444472.99	3748485.77	36530.82707	0.00200	0.05844	8.36533E-07	0.48158	4.42812E-05	0.00205
444572.99	3748485.77	29821.32815	0.00164	0.05371	7.68826E-07	0.32045	2.94653E-05	0.00167
444672.99	3748485.77	25128.54728	0.00138	0.04936	7.06558E-07	0.23094	2.12349E-05	0.00140
444772.99	3748485.77	21713.03776	0.00119	0.04543	6.50303E-07	0.17660	1.62383E-05	0.00121
444872.99	3748485.77	19210.106	0.00105	0.04206	6.02063E-07	0.14200	1.30569E-05	0.00107
444972.99	3748485.77	17183.45004	0.00094	0.03897	5.57832E-07	0.11790	1.08409E-05	0.00095
445072.99	3748485.77	15518.91931	0.00085	0.03620	5.18181E-07	0.10022	9.21521E-06	0.00086
445172.99	3748485.77	14238.49138	0.00078	0.03394	4.85831E-07	0.08706	8.00515E-06	0.00079
445272.99	3748485.77	13125.00088	0.00072	0.03188	4.56343E-07	0.07651	7.03508E-06	0.00073
445372.99	3748485.77	12220.60258	0.00067	0.03017	4.31865E-07	0.06798	6.25075E-06	0.00068
445472.99	3748485.77	11400.74121	0.00063	0.02856	4.08819E-07	0.06088	5.59790E-06	0.00063
445572.99	3748485.77	10683.87176	0.00059	0.02714	3.88493E-07	0.05492	5.04988E-06	0.00059
443047.86	3748855.7	210012.8747	0.01152	1.16706	1.67058E-05	0.03895	3.58144E-06	0.01154
443030.11	3748868.74	202622.1856	0.01112	0.99029	1.41754E-05	0.03798	3.49225E-06	0.01113
443016.91	3748884.58	220213.9166	0.01208	0.88024	1.26001E-05	0.03706	3.40766E-06	0.01210
442999.31	3748898.66	211000.3739	0.01158	0.76221	1.09106E-05	0.03613	3.32215E-06	0.01159
442983.47	3748918.02	220427.9238	0.01209	0.67038	9.59608E-06	0.03512	3.22928E-06	0.01211
442962.35	3748934.74	202222.5618	0.01109	0.57481	8.22806E-06	0.03412	3.13733E-06	0.01111
442947.39	3748948.82	192719.6938	0.01057	0.51727	7.40441E-06	0.03340	3.07112E-06	0.01058
442935.07	3748963.78	192203.6578	0.01054	0.47339	6.77629E-06	0.03274	3.01044E-06	0.01055
442916.59	3748985.78	194353.7418	0.01066	0.41469	5.93604E-06	0.03171	2.91573E-06	0.01067
442898.98	3749001.62	177140.4776	0.00972	0.36979	5.29332E-06	0.03093	2.84401E-06	0.00973
442881.38	3749017.46	155340.8234	0.00852	0.33228	4.75639E-06	0.03026	2.78240E-06	0.00853
442868.18	3749033.31	142109.9448	0.00780	0.30498	4.36560E-06	0.02966	2.72723E-06	0.00780
442854.1	3749046.51	120139.2036	0.00659	0.28105	4.02306E-06	0.02915	2.68034E-06	0.00660
442832.98	3749062.35	86466.1982	0.00474	0.25129	3.59706E-06	0.02848	2.61873E-06	0.00475
442816.26	3749081.71	65380.88559	0.00359	0.22807	3.26468E-06	0.02783	2.55896E-06	0.00359
442801.3	3749094.91	51695.4329	0.00284	0.21126	3.02406E-06	0.02734	2.51391E-06	0.00284
442780.18	3749111.63	39318.28796	0.00216	0.19090	2.73262E-06	0.02669	2.45414E-06	0.00216
442764.34	3749127.47	32709.28705	0.00179	0.17669	2.52921E-06	0.02619	2.40817E-06	0.00180
442750.26	3749130.11	29688.05431	0.00163	0.16864	2.41398E-06	0.02597	2.38794E-06	0.00163
442722.1	3749138.03	24768.17223	0.00136	0.15355	2.19798E-06	0.02549	2.34380E-06	0.00136
442705.38	3749146.83	22404.14596	0.00123	0.14457	2.06943E-06	0.02511	2.30886E-06	0.00123
442678.1	3749144.19	20231.02573	0.00111	0.13481	1.92972E-06	0.02478	2.27852E-06	0.00111
442659.62	3749147.71	18786.18742	0.00103	0.12784	1.82995E-06	0.02448	2.25093E-06	0.00103
442638.49	3749145.07	17606.57505	0.00097	0.12161	1.74077E-06	0.02423	2.22794E-06	0.00097

442662.26	3749101.07	20772.64481	0.00114	0.13666	1.95620E-06	0.02523	2.31989E-06	0.00114
442694.82	3749095.79	24087.61576	0.00132	0.15076	2.15804E-06	0.02579	2.37139E-06	0.00133
442709.78	3749094.03	25988.60316	0.00143	0.15790	2.26024E-06	0.02604	2.39437E-06	0.00143
442730.02	3749086.99	29427.25996	0.00161	0.16957	2.42729E-06	0.02647	2.43391E-06	0.00162
442752.02	3749068.51	34986.54241	0.00192	0.18672	2.67278E-06	0.02715	2.49644E-06	0.00192
442796.9	3749035.95	51002.74456	0.00280	0.22883	3.27556E-06	0.02854	2.62425E-06	0.00280
442817.14	3749007.78	57950.67101	0.00318	0.25664	3.67365E-06	0.02949	2.71160E-06	0.00319
442845.3	3748987.54	71715.26817	0.00393	0.29572	4.23305E-06	0.03044	2.79895E-06	0.00394
442865.54	3748973.46	82989.47291	0.00455	0.32894	4.70858E-06	0.03113	2.86240E-06	0.00456
442840.9	3748956.74	60505.14351	0.00332	0.29743	4.25753E-06	0.03105	2.85504E-06	0.00333
442888.42	3748944.42	86702.41897	0.00476	0.37644	5.38851E-06	0.03234	2.97366E-06	0.00477
442871.7	3748932.1	69369.71374	0.00381	0.34792	4.98026E-06	0.03230	2.96998E-06	0.00381
442872.58	3748910.98	63308.89916	0.00347	0.35178	5.03552E-06	0.03282	3.01779E-06	0.00348
442880.5	3748896.9	62905.42944	0.00345	0.36682	5.25081E-06	0.03335	3.06653E-06	0.00346
442906.02	3748895.14	75267.11039	0.00413	0.42037	6.01734E-06	0.03399	3.12537E-06	0.00414
442925.39	3748905.7	93494.90827	0.00513	0.46767	6.69441E-06	0.03421	3.14560E-06	0.00514
442928.03	3748871.38	76464.68309	0.00420	0.47456	6.79304E-06	0.03520	3.23663E-06	0.00421
442942.99	3748881.94	92304.92789	0.00506	0.52148	7.46467E-06	0.03529	3.24491E-06	0.00507
442959.71	3748871.38	98151.40109	0.00538	0.58004	8.30292E-06	0.03602	3.31203E-06	0.00540
442923.63	3748842.34	62944.78799	0.00345	0.45462	6.50761E-06	0.03590	3.30100E-06	0.00346
442937.71	3748821.22	60657.23003	0.00333	0.48229	6.90369E-06	0.03692	3.39479E-06	0.00334
442971.15	3748822.98	74911.66051	0.00411	0.60302	8.63187E-06	0.03781	3.47662E-06	0.00412
442986.11	3748841.46	95832.1247	0.00526	0.68802	9.84859E-06	0.03763	3.46007E-06	0.00527
442985.23	3748812.42	75851.49547	0.00416	0.65520	9.37879E-06	0.03857	3.54650E-06	0.00417
443001.95	3748822.1	90383.00519	0.00496	0.75575	1.08181E-05	0.03878	3.56581E-06	0.00497
443063.55	3748836.18	185637.3896	0.01018	1.36712	1.95695E-05	0.04016	3.69270E-06	0.01021
443064.43	3748815.06	138633.1395	0.00761	1.34855	1.93037E-05	0.04095	3.76534E-06	0.00763
443051.23	3748791.3	99745.47349	0.00547	1.11035	1.58940E-05	0.04124	3.79201E-06	0.00549
443003.71	3748799.22	76578.1778	0.00420	0.73147	1.04705E-05	0.03961	3.64213E-06	0.00422
442974.67	3748795.7	63979.92921	0.00351	0.58480	8.37106E-06	0.03881	3.56857E-06	0.00352
443038.91	3748779.86	83682.53834	0.00459	0.94633	1.35461E-05	0.04126	3.79385E-06	0.00461
443027.47	3748759.61	68011.07879	0.00373	0.78572	1.12471E-05	0.04165	3.82971E-06	0.00375
443023.95	3748743.77	61456.1562	0.00337	0.71380	1.02176E-05	0.04207	3.86833E-06	0.00339
443008.99	3748724.41	52834.20768	0.00290	0.58681	8.39983E-06	0.04223	3.88304E-06	0.00291
443008.99	3748702.41	48812.67458	0.00268	0.53777	7.69785E-06	0.04294	3.94832E-06	0.00269
443097.87	3748795.7	144509.399	0.00793	1.95322	2.79592E-05	0.04273	3.92902E-06	0.00796
443090.83	3748778.98	112513.4431	0.00617	1.64624	2.35649E-05	0.04303	3.95660E-06	0.00620
443071.47	3748764.01	89735.28573	0.00492	1.22125	1.74815E-05	0.04280	3.93545E-06	0.00494
443064.43	3748742.01	75079.60815	0.00412	1.01173	1.44823E-05	0.04326	3.97775E-06	0.00414
443051.23	3748723.53	64913.31441	0.00356	0.82158	1.17604E-05	0.04336	3.98694E-06	0.00358
443042.43	3748707.69	58084.14359	0.00319	0.70747	1.01270E-05	0.04365	4.01361E-06	0.00320
443042.43	3748691.85	54575.3697	0.00299	0.65272	9.34329E-06	0.04419	4.06326E-06	0.00301
443141.87	3748742.01	92508.44877	0.00508	2.29450	3.28444E-05	0.04659	4.28394E-06	0.00511
443121.63	3748726.17	79821.55011	0.00438	1.53496	2.19720E-05	0.04631	4.25820E-06	0.00441
443107.55	3748705.05	69228.67506	0.00380	1.11935	1.60228E-05	0.04645	4.27107E-06	0.00382
443088.19	3748676.01	58785.20774	0.00323	0.78875	1.12905E-05	0.04662	4.28670E-06	0.00324
443145.39	3748708.57	76310.63869	0.00419	1.53184	2.19274E-05	0.04817	4.42922E-06	0.00421
443176.19	3748679.53	72940.98443	0.00400	1.23576	1.76892E-05	0.05108	4.69680E-06	0.00402
443103.15	3748670.73	59844.50534	0.00328	0.82510	1.18108E-05	0.04755	4.37221E-06	0.00330
443230.76	3748790.42	130882.1845	0.00718	18.60532	2.66324E-04	0.04933	4.53588E-06	0.00745
443242.2	3748767.54	114843.5176	0.00630	6.59912	9.44624E-05	0.05107	4.69588E-06	0.00640
443255.4	3748742.89	106729.7963	0.00586	3.31496	4.74516E-05	0.05299	4.87242E-06	0.00591
443265.08	3748712.97	101194.9204	0.00555	1.91868	2.74647E-05	0.05509	5.06551E-06	0.00558
443278.28	3748687.45	103454.928	0.00568	1.34529	1.92570E-05	0.05722	5.26137E-06	0.00570
443297.64	3748659.29	115486.7744	0.00634	0.95696	1.36983E-05	0.06029	5.54365E-06	0.00636
443306.44	3748793.94	176747.1812	0.00970	5.89623	8.44010E-05	0.05284	4.85863E-06	0.00979
443339.88	3748786.02	218855.1373	0.01201	3.56274	5.09985E-05	0.05536	5.09034E-06	0.01206
443371.56	3748768.42	254359.1701	0.01395	2.13893	3.06175E-05	0.05886	5.41217E-06	0.01399
443392.68	3748756.97	283191.5399	0.01554	1.62568	2.32706E-05	0.06126	5.63285E-06	0.01557

443418.2	3748739.37	305319.471	0.01675	1.17862	1.68712E-05	0.06463	5.94272E-06	0.01677
443444.6	3748724.41	331339.4108	0.01818	0.91862	1.31495E-05	0.06799	6.25167E-06	0.01820
443471.89	3748711.21	352629.5049	0.01935	0.73086	1.04618E-05	0.07205	6.62498E-06	0.01936
443496.53	3748694.49	350021.8916	0.01920	0.59044	8.45179E-06	0.07635	7.02037E-06	0.01922
443525.57	3748681.29	373050.6798	0.02047	0.49316	7.05929E-06	0.08106	7.45345E-06	0.02048
443548.45	3748668.09	358960.5146	0.01969	0.42023	6.01534E-06	0.08582	7.89113E-06	0.01971
443583.65	3748651.37	400462.1822	0.02197	0.34539	4.94405E-06	0.09328	8.57708E-06	0.02198
443383	3748960.26	133538.0916	0.00733	5.96445	8.53775E-05	0.04935	4.53772E-06	0.00742
443380.36	3748936.5	162270.5185	0.00890	5.89136	8.43312E-05	0.05043	4.63703E-06	0.00899
443370.68	3748910.1	240582.1946	0.01320	6.18113	8.84791E-05	0.05127	4.71427E-06	0.01329
443386.52	3748896.02	322411.9068	0.01769	4.83508	6.92112E-05	0.05297	4.87058E-06	0.01776
443423.48	3748874.9	363290.0509	0.01993	2.97689	4.26124E-05	0.05666	5.20988E-06	0.01998
443448.13	3748859.94	361474.4992	0.01983	2.21746	3.17416E-05	0.05943	5.46458E-06	0.01987
443465.73	3748849.38	354929.9898	0.01947	1.82300	2.60951E-05	0.06153	5.65767E-06	0.01950
443497.41	3748829.14	347474.2568	0.01906	1.30052	1.86162E-05	0.06580	6.05030E-06	0.01909
443513.25	3748820.34	340577.5219	0.01869	1.11900	1.60178E-05	0.06803	6.25535E-06	0.01871
443539.65	3748809.78	331234.3433	0.01817	0.91433	1.30881E-05	0.07150	6.57441E-06	0.01819
443559.89	3748803.62	323858.7384	0.01777	0.80175	1.14766E-05	0.07415	6.81808E-06	0.01779
443581.89	3748796.58	322121.9668	0.01767	0.69818	9.99402E-06	0.07732	7.10956E-06	0.01769
443602.13	3748793.06	309344.0996	0.01697	0.62524	8.94993E-06	0.08023	7.37713E-06	0.01699
443624.13	3748791.3	291487.2123	0.01599	0.56369	8.06888E-06	0.08339	7.66769E-06	0.01601
443642.61	3748786.9	297983.1885	0.01635	0.51578	7.38308E-06	0.08641	7.94538E-06	0.01636
443661.09	3748783.38	296862.9946	0.01629	0.47409	6.78631E-06	0.08960	8.23870E-06	0.01630
443683.97	3748786.02	260171.5022	0.01427	0.43928	6.28803E-06	0.09310	8.56053E-06	0.01429
443535.25	3748597.69	405540.8033	0.02225	0.30735	4.39953E-06	0.09326	8.57524E-06	0.02226
443511.49	3748617.05	378274.7669	0.02075	0.36228	5.18582E-06	0.08701	8.00055E-06	0.02077
443491.25	3748637.29	353207.8124	0.01938	0.42749	6.11926E-06	0.08190	7.53069E-06	0.01939
443468.37	3748647.85	375088.9332	0.02058	0.49445	7.07775E-06	0.07778	7.15186E-06	0.02059
443441.08	3748674.25	298445.2561	0.01637	0.63096	9.03181E-06	0.07252	6.66820E-06	0.01639
443414.68	3748689.21	265378.8818	0.01456	0.78643	1.12573E-05	0.06850	6.29856E-06	0.01458
443389.16	3748705.93	212270.8218	0.01165	1.01202	1.44865E-05	0.06472	5.95099E-06	0.01167
443307.32	3748632.01	122183.1853	0.00670	0.73870	1.05740E-05	0.06289	5.78272E-06	0.00672
443322.28	3748600.33	127391.4149	0.00699	0.57308	8.20329E-06	0.06657	6.12110E-06	0.00700
443336.36	3748572.17	129774.9112	0.00712	0.46485	6.65405E-06	0.07031	6.46499E-06	0.00713
443355.72	3748617.05	213655.3247	0.01172	0.60380	8.64303E-06	0.06799	6.25167E-06	0.01174
443377.72	3748583.61	244593.9398	0.01342	0.47082	6.73950E-06	0.07286	6.69946E-06	0.01343
443387.4	3748555.45	224604.3893	0.01232	0.40157	5.74823E-06	0.07670	7.05255E-06	0.01234
443399.72	3748531.69	244972.8528	0.01344	0.35276	5.04955E-06	0.08038	7.39093E-06	0.01345
443409.4	3748510.57	274026.1709	0.01503	0.31619	4.52607E-06	0.08379	7.70447E-06	0.01505
443339.88	3748550.17	123263.4873	0.00676	0.40894	5.85373E-06	0.07252	6.66820E-06	0.00678
443358.36	3748517.61	126440.3269	0.00694	0.33399	4.78086E-06	0.07783	7.15645E-06	0.00695
443360.12	3748489.44	120131.7484	0.00659	0.29734	4.25624E-06	0.08068	7.41851E-06	0.00660
443372.44	3748464.8	126718.464	0.00695	0.27139	3.88478E-06	0.08451	7.77068E-06	0.00696
443394.44	3748441.04	127907.8979	0.00702	0.23966	3.43059E-06	0.09104	8.37111E-06	0.00703
443497.41	3748439.28	353276.6159	0.01938	0.21416	3.06557E-06	0.10909	1.00308E-05	0.01940
443522.05	3748422.56	264411.2593	0.01451	0.19356	2.77069E-06	0.11899	1.09411E-05	0.01452
443541.41	3748404.08	218742.6918	0.01200	0.17629	2.52348E-06	0.12900	1.18615E-05	0.01202
443557.25	3748392.64	199557.137	0.01095	0.16445	2.35400E-06	0.13736	1.26302E-05	0.01096
443580.13	3748376.8	194395.3589	0.01067	0.15282	2.18753E-06	0.14988	1.37814E-05	0.01068
443602.13	3748365.36	197044.8026	0.01081	0.14348	2.05383E-06	0.16263	1.49538E-05	0.01083
443623.25	3748346	187984.3226	0.01031	0.13391	1.91684E-06	0.18017	1.65666E-05	0.01033
443653.17	3748335.44	216495.8984	0.01188	0.12619	1.80633E-06	0.20126	1.85058E-05	0.01190
443671.65	3748321.36	212457.187	0.01166	0.11948	1.71028E-06	0.22207	2.04193E-05	0.01168
443508.85	3748368.88	128953.6368	0.00707	0.16704	2.39108E-06	0.12895	1.18569E-05	0.00709
443479.81	3748380.32	128402.5187	0.00704	0.18019	2.57931E-06	0.11823	1.08712E-05	0.00706
443526.45	3748355.68	123579.4457	0.00678	0.15704	2.24793E-06	0.13799	1.26882E-05	0.00679
443548.45	3748339.84	119664.9572	0.00657	0.14651	2.09720E-06	0.15056	1.38440E-05	0.00658
443571.33	3748324	119197.4498	0.00654	0.13798	1.97510E-06	0.16529	1.51984E-05	0.00656
443590.69	3748310.8	117525.8448	0.00645	0.13064	1.87003E-06	0.18006	1.65565E-05	0.00647

443612.69	3748296.72	114473.0413	0.00628	0.12227	1.75022E-06	0.19979	1.83707E-05	0.00630
443636.45	3748282.64	114501.4989	0.00628	0.11520	1.64902E-06	0.22442	2.06354E-05	0.00630
443654.93	3748265.92	108413.3303	0.00595	0.10826	1.54968E-06	0.25278	2.32431E-05	0.00597
443672.53	3748246.56	100775.6636	0.00553	0.10162	1.45463E-06	0.28994	2.66599E-05	0.00556
443689.25	3748231.6	95613.01562	0.00525	0.09609	1.37547E-06	0.33041	3.03811E-05	0.00528
443706.85	3748215.75	91198.51138	0.00500	0.09111	1.30418E-06	0.38476	3.53786E-05	0.00504
443691.02	3748297.6	180994.3228	0.00993	0.11046	1.58117E-06	0.25717	2.36467E-05	0.00996
443707.74	3748282.64	162954.5199	0.00894	0.10320	1.47725E-06	0.29131	2.67859E-05	0.00897
443725.34	3748266.8	146672.4254	0.00805	0.09571	1.37003E-06	0.33591	3.08869E-05	0.00808
443741.18	3748257.12	143450.6011	0.00787	0.09082	1.30003E-06	0.37639	3.46090E-05	0.00791
443759.66	3748243.03	143769.7542	0.00789	0.08760	1.25394E-06	0.44484	4.09030E-05	0.00793
443773.74	3748221.03	124319.4596	0.00682	0.08257	1.18194E-06	0.54504	5.01163E-05	0.00687
443794.86	3748203.43	119731.5823	0.00657	0.07863	1.12554E-06	0.71810	6.60292E-05	0.00664
443813.34	3748185.83	114038.1324	0.00626	0.07565	1.08288E-06	1.00550	9.24555E-05	0.00635
443824.78	3748163.83	97942.50927	0.00537	0.07271	1.04080E-06	1.51251	1.39075E-04	0.00551
443842.38	3748150.63	93928.81141	0.00515	0.07049	1.00902E-06	2.68803	2.47164E-04	0.00540
443794.86	3748123.35	66863.12323	0.00367	0.07120	1.01918E-06	1.68129	1.54594E-04	0.00382
443808.06	3748106.63	63660.40179	0.00349	0.06927	9.91558E-07	3.08244	2.83430E-04	0.00378
443773.74	3748145.35	71632.66635	0.00393	0.07490	1.07215E-06	0.97415	8.95729E-05	0.00402
443762.3	3748169.11	80258.68697	0.00440	0.07859	1.12497E-06	0.71543	6.57836E-05	0.00447
443749.1	3748183.19	84442.02833	0.00463	0.08163	1.16848E-06	0.58754	5.40242E-05	0.00469
443724.46	3748197.27	85906.21693	0.00471	0.08641	1.23691E-06	0.46341	4.26105E-05	0.00476
443669.01	3748506.17	456278.4236	0.02503	0.16757	2.39866E-06	0.14126	1.29888E-05	0.02505
443691.02	3748531.69	421421.424	0.02312	0.16827	2.40868E-06	0.14170	1.30293E-05	0.02314
443709.5	3748544.89	408531.8123	0.02241	0.16773	2.40095E-06	0.14405	1.32454E-05	0.02243
443731.5	3748574.81	488479.0595	0.02680	0.17863	2.55698E-06	0.14217	1.30725E-05	0.02682
443760.54	3748588.01	492227.4151	0.02701	0.17756	2.54166E-06	0.14773	1.35837E-05	0.02702
443782.54	3748564.25	368499.4921	0.02022	0.15708	2.24850E-06	0.16425	1.51028E-05	0.02023
443807.18	3748539.61	319286.6409	0.01752	0.14048	2.01089E-06	0.18532	1.70401E-05	0.01754
443826.54	3748515.85	295794.0235	0.01623	0.12810	1.83367E-06	0.20785	1.91118E-05	0.01625
443852.94	3748491.21	291598.55	0.01600	0.11605	1.66119E-06	0.24221	2.22712E-05	0.01602
443863.5	3748470.09	277268.5411	0.01521	0.10896	1.55970E-06	0.26879	2.47152E-05	0.01524
443881.98	3748439.28	262953.8267	0.01443	0.09933	1.42185E-06	0.32376	2.97697E-05	0.01446
443881.1	3748410.24	241788.1868	0.01327	0.09414	1.34756E-06	0.36454	3.35194E-05	0.01330
443899.59	3748423.44	266522.7554	0.01462	0.09391	1.34426E-06	0.37503	3.44839E-05	0.01466
443891.66	3748384.72	235403.7434	0.01292	0.08859	1.26811E-06	0.43548	4.00423E-05	0.01296
443911.07	3748370.97	234941.6867	0.01289	0.08415	1.20456E-06	0.52822	4.85697E-05	0.01294
443929.51	3748345.54	235422.6524	0.01292	0.07917	1.13327E-06	0.71749	6.59731E-05	0.01298
443939.05	3748329.01	231931.1024	0.01272	0.07629	1.09205E-06	0.90372	8.30969E-05	0.01281
443954.95	3748309.93	224662.7903	0.01233	0.07269	1.04051E-06	1.34686	1.23844E-04	0.01245
443975.29	3748291.49	204705.4954	0.01123	0.06867	9.82969E-07	2.68357	2.46754E-04	0.01148
443932.69	3748260.34	287598.7256	0.01578	0.07062	1.01088E-06	2.00544	1.84400E-04	0.01596
443907.9	3748288.95	305443.0448	0.01676	0.07634	1.09276E-06	0.96108	8.83711E-05	0.01685
443892	3748306.75	297497.9152	0.01632	0.07984	1.14286E-06	0.71213	6.54802E-05	0.01639
443878.65	3748325.19	283314.3591	0.01554	0.08332	1.19268E-06	0.56682	5.21190E-05	0.01560
443864.66	3748341.09	277314.9959	0.01521	0.08690	1.24392E-06	0.47230	4.34279E-05	0.01526
443848.13	3748357.62	283187.1332	0.01554	0.09170	1.31263E-06	0.39491	3.63119E-05	0.01557
443829.69	3748376.69	283464.7409	0.01555	0.09708	1.38964E-06	0.33284	3.06046E-05	0.01558
443795.99	3748384.96	330485.0607	0.01813	0.10430	1.49299E-06	0.28063	2.58039E-05	0.01816
443774.37	3748402.76	337392.4264	0.01851	0.11110	1.59033E-06	0.24472	2.25020E-05	0.01853
443747.03	3748423.75	362819.9905	0.01991	0.12136	1.73719E-06	0.21012	1.93205E-05	0.01993
443723.5	3748442.19	373955.1071	0.02052	0.13046	1.86746E-06	0.18720	1.72130E-05	0.02054
443705.7	3748458.72	369782.5154	0.02029	0.13769	1.97095E-06	0.17199	1.58144E-05	0.02031
443678.36	3748482.88	427820.1458	0.02347	0.15520	2.22159E-06	0.15160	1.39396E-05	0.02349
443730.5	3748499.41	305459.9715	0.01676	0.14289	2.04538E-06	0.16694	1.53501E-05	0.01678
443747.03	3748481.61	284789.4186	0.01562	0.13315	1.90596E-06	0.18177	1.67137E-05	0.01564
443773.1	3748465.71	271642.7095	0.01490	0.12426	1.77871E-06	0.20301	1.86667E-05	0.01492
443753.39	3748477.79	281119.2025	0.01542	0.13094	1.87433E-06	0.18654	1.71523E-05	0.01544
443778.19	3748500.05	270269.4517	0.01483	0.13241	1.89537E-06	0.18874	1.73546E-05	0.01485

443792.17	3748480.97	261838.4611	0.01437	0.12460	1.78357E-06	0.20589	1.89315E-05	0.01439
443816.97	3748455.54	251020.7707	0.01377	0.11355	1.62540E-06	0.23930	2.20036E-05	0.01380
443801.08	3748442.82	261440.0038	0.01434	0.11384	1.62955E-06	0.23592	2.16928E-05	0.01437
443815.7	3748424.38	259012.8826	0.01421	0.10744	1.53794E-06	0.26322	2.42030E-05	0.01424
443834.14	3748437.73	246496.7145	0.01352	0.10672	1.52763E-06	0.26917	2.47501E-05	0.01355
443855.06	3748084.13	61799.66135	0.00339	0.06504	9.31008E-07	6.01320	5.52913E-04	0.00394
443836.57	3748062.13	56032.7779	0.00307	0.06437	9.21417E-07	5.79532	5.32879E-04	0.00361
443812.81	3748041	51684.6916	0.00284	0.06350	9.08964E-07	6.67524	6.13787E-04	0.00345
443769.68	3747996.11	45635.97821	0.00250	0.06030	8.63158E-07	6.98573	6.42337E-04	0.00315
443828.65	3748013.72	50659.10459	0.00278	0.06054	8.66593E-07	2.78547	2.56123E-04	0.00304
443816.33	3747989.95	48575.81104	0.00267	0.05803	8.30664E-07	2.39973	2.20655E-04	0.00289
443813.69	3747954.75	48915.81268	0.00268	0.05449	7.79991E-07	1.74138	1.60120E-04	0.00284
443764.4	3747961.79	44535.53706	0.00244	0.05701	8.16064E-07	3.65084	3.35694E-04	0.00278
443730.07	3747945.06	41823.34905	0.00229	0.05700	8.15920E-07	5.74477	5.28230E-04	0.00282
443706.31	3747923.06	40452.93799	0.00222	0.05690	8.14489E-07	6.68435	6.14625E-04	0.00283
443688.7	3747902.81	39174.00753	0.00215	0.05633	8.06330E-07	6.47949	5.95788E-04	0.00275
443664.94	3747880.81	36872.73387	0.00202	0.05537	7.92588E-07	7.20237	6.62257E-04	0.00269
443646.45	3747852.64	35241.6559	0.00193	0.05394	7.72118E-07	6.00744	5.52383E-04	0.00249
443619.17	3747824.48	33242.45766	0.00182	0.05294	7.57804E-07	6.20254	5.70322E-04	0.00239
443604.2	3747805.99	32506.68567	0.00178	0.05241	7.50217E-07	6.17267	5.67576E-04	0.00235
443618.29	3747776.95	33236.16689	0.00182	0.05016	7.18010E-07	3.76424	3.46121E-04	0.00217
443639.41	3747752.3	34331.70064	0.00188	0.04796	6.86518E-07	3.36329	3.09254E-04	0.00219
443670.22	3747725.02	36521.08788	0.00200	0.04555	6.52021E-07	2.98399	2.74377E-04	0.00228
443702.78	3747688.05	39812.2897	0.00218	0.04294	6.14660E-07	4.06299	3.73591E-04	0.00256
443684.3	3747671.33	37167.7708	0.00204	0.04259	6.09650E-07	5.08300	4.67381E-04	0.00251
443719.51	3747704.77	42664.42001	0.00234	0.04327	6.19384E-07	3.72080	3.42127E-04	0.00268
443730.07	3747724.14	45137.71607	0.00248	0.04398	6.29547E-07	3.08482	2.83649E-04	0.00276
443752.96	3747739.98	50657.38891	0.00278	0.04419	6.32553E-07	3.37538	3.10366E-04	0.00309
443766.16	3747760.22	55392.65205	0.00304	0.04511	6.45722E-07	3.03239	2.78828E-04	0.00332
443789.04	3747782.23	63467.92964	0.00348	0.04558	6.52450E-07	3.15003	2.89645E-04	0.00377
443802.25	3747798.07	69610.52997	0.00382	0.04615	6.60609E-07	3.07128	2.82404E-04	0.00410
443819.85	3747817.44	80861.22878	0.00444	0.04714	6.74780E-07	3.19504	2.93783E-04	0.00473
443838.33	3747832.4	95417.30965	0.00523	0.04773	6.83226E-07	3.61888	3.32755E-04	0.00557
443855.06	3747848.24	108077.3321	0.00593	0.04829	6.91242E-07	3.77117	3.46758E-04	0.00628
443868.26	3747867.61	107478.3622	0.00590	0.04896	7.00833E-07	3.23179	2.97162E-04	0.00619
443885.86	3747890.49	100963.6386	0.00554	0.04954	7.09135E-07	2.53092	2.32718E-04	0.00577
443905.23	3747909.86	96406.84229	0.00529	0.05010	7.17151E-07	1.75664	1.61523E-04	0.00545
443919.31	3747930.1	87632.65741	0.00481	0.05155	7.37907E-07	1.20510	1.10809E-04	0.00492
443942.2	3747945.94	93483.86671	0.00513	0.05380	7.70114E-07	0.95157	8.74967E-05	0.00522
443955.4	3747961.79	78874.55307	0.00433	0.05356	7.66679E-07	0.87148	8.01324E-05	0.00441
443984.44	3747930.1	131764.2959	0.00723	0.05010	7.17151E-07	0.90306	8.30362E-05	0.00731
443991.49	3747911.62	195341.5094	0.01072	0.04869	6.96968E-07	1.00199	9.21328E-05	0.01081
443994.13	3747889.61	301239.2755	0.01653	0.04774	6.83369E-07	1.12807	1.03726E-04	0.01663
444004.69	3747868.49	284421.8857	0.01560	0.04543	6.50303E-07	1.09530	1.00713E-04	0.01571
444006.45	3747849.12	309689.0566	0.01699	0.04448	6.36704E-07	1.05810	9.72921E-05	0.01709
444014.37	3747831.52	306032.0132	0.01679	0.04342	6.21531E-07	0.93711	8.61671E-05	0.01688
444017.01	3747807.75	333814.2396	0.01831	0.04266	6.10652E-07	0.84804	7.79771E-05	0.01839
444024.93	3747790.15	333127.0634	0.01828	0.04191	5.99916E-07	0.74949	6.89155E-05	0.01835
444036.38	3747768.15	325770.5392	0.01787	0.04092	5.85745E-07	0.63974	5.88240E-05	0.01793
444047.82	3747747.9	321250.3887	0.01762	0.03998	5.72289E-07	0.55370	5.09126E-05	0.01768
444058.38	3747728.54	318280.5976	0.01746	0.03899	5.58118E-07	0.48451	4.45506E-05	0.01751
444071.58	3747710.05	306678.1823	0.01683	0.03797	5.43518E-07	0.42185	3.87890E-05	0.01686
444086.55	3747695.97	282912.5283	0.01552	0.03707	5.30635E-07	0.37297	3.42945E-05	0.01556
444102.39	3747681.89	259155.2597	0.01422	0.03619	5.18038E-07	0.33058	3.03968E-05	0.01425
444114.71	3747666.93	248627.9297	0.01364	0.03551	5.08304E-07	0.29847	2.74443E-05	0.01367
444132.32	3747655.48	223984.1903	0.01229	0.03480	4.98141E-07	0.26901	2.47354E-05	0.01231
444112.95	3747621.16	296579.2566	0.01627	0.03418	4.89266E-07	0.25090	2.30702E-05	0.01629
443727.52	3747635.24	43376.31039	0.00238	0.04043	5.78731E-07	6.31366	5.80540E-04	0.00296
443741.61	3747647.56	46439.53042	0.00255	0.04062	5.81451E-07	5.92585	5.44881E-04	0.00309

443754.81	3747668.68	49387.0663	0.00271	0.04097	5.86461E-07	7.04947	6.48197E-04	0.00336
443769.77	3747684.53	53007.59256	0.00291	0.04104	5.87463E-07	6.76168	6.21735E-04	0.00353
443780.34	3747695.09	58000.46143	0.00318	0.04163	5.95908E-07	5.95544	5.47602E-04	0.00373
443797.06	3747714.46	66412.93594	0.00364	0.04244	6.07503E-07	5.92756	5.45038E-04	0.00419
443809.38	3747727.66	74321.9241	0.00408	0.04307	6.16521E-07	5.76002	5.29633E-04	0.00461
443823.47	3747745.26	86468.07186	0.00474	0.04403	6.30263E-07	5.97293	5.49210E-04	0.00529
443846.35	3747775.19	110938.7016	0.00609	0.04498	6.43861E-07	7.26984	6.68460E-04	0.00676
443860.44	3747786.63	133146.7479	0.00730	0.04517	6.46581E-07	6.62934	6.09567E-04	0.00792
443868.36	3747769.91	143596.4352	0.00788	0.04426	6.33555E-07	3.78965	3.48458E-04	0.00823
443879.8	3747749.66	156618.4513	0.00859	0.04304	6.16091E-07	2.30912	2.12323E-04	0.00881
443887.72	3747723.26	157150.1708	0.00862	0.04147	5.93618E-07	1.58687	1.45912E-04	0.00877
443892.12	3747702.13	152859.4486	0.00839	0.04014	5.74580E-07	1.26552	1.16364E-04	0.00850
443895.64	3747682.77	145153.2997	0.00796	0.03867	5.53538E-07	1.03668	9.53225E-05	0.00806
443893	3747660.76	133927.3574	0.00735	0.03768	5.39366E-07	0.88406	8.12891E-05	0.00743
443893.88	3747640.52	132372.2907	0.00726	0.03695	5.28917E-07	0.74881	6.88529E-05	0.00733
443897.41	3747621.15	135615.1023	0.00744	0.03625	5.18897E-07	0.62783	5.77288E-05	0.00750
443900.05	3747604.43	137993.9268	0.00757	0.03567	5.10594E-07	0.54178	4.98166E-05	0.00762
443899.17	3747585.94	134182.7558	0.00736	0.03510	5.02435E-07	0.47008	4.32238E-05	0.00741
443901.81	3747563.94	136289.9025	0.00748	0.03445	4.93131E-07	0.39441	3.62659E-05	0.00751
443901.81	3747546.33	134571.5707	0.00738	0.03400	4.86689E-07	0.34870	3.20629E-05	0.00742
443904.45	3747526.97	137485.8622	0.00754	0.03353	4.79962E-07	0.30577	2.81155E-05	0.00757
443903.57	3747507.6	133394.9761	0.00732	0.03307	4.73377E-07	0.27209	2.50186E-05	0.00734
443901.81	3747487.36	127174.1352	0.00698	0.03258	4.66363E-07	0.24264	2.23107E-05	0.00700
443905.33	3747466.23	129276.3411	0.00709	0.03202	4.58347E-07	0.21521	1.97885E-05	0.00711
443904.45	3747445.99	120244.3566	0.00660	0.03124	4.47182E-07	0.18890	1.73693E-05	0.00661
443903.57	3747429.26	114924.3563	0.00631	0.03078	4.40597E-07	0.17221	1.58347E-05	0.00632
443904.45	3747407.26	113101.66	0.00621	0.03028	4.33440E-07	0.15612	1.43552E-05	0.00622
443903.57	3747388.77	109692.9648	0.00602	0.02991	4.28144E-07	0.14457	1.32932E-05	0.00603
443900.93	3747365.01	104609.1226	0.00574	0.02949	4.22131E-07	0.13203	1.21401E-05	0.00575
443894.76	3747341.24	96282.87578	0.00528	0.02916	4.17408E-07	0.12141	1.11636E-05	0.00529
443891.24	3747320.99	91690.81929	0.00503	0.02885	4.12970E-07	0.11276	1.03683E-05	0.00504
443886.84	3747302.51	86317.79193	0.00474	0.02860	4.09392E-07	0.10563	9.71266E-06	0.00475
443883.32	3747278.74	81701.79594	0.00448	0.02824	4.04238E-07	0.09732	8.94856E-06	0.00449
443882.44	3747257.62	79547.63147	0.00436	0.02790	3.99372E-07	0.09077	8.34628E-06	0.00437
443875.4	3747240.89	70741.01891	0.00388	0.02774	3.97081E-07	0.08688	7.98860E-06	0.00389
443862.2	3747223.29	57423.34717	0.00315	0.02761	3.95220E-07	0.08306	7.63735E-06	0.00316
443848.99	3747203.92	46695.88903	0.00256	0.02740	3.92214E-07	0.07875	7.24105E-06	0.00257
443875.4	3747192.48	56044.32292	0.00307	0.02697	3.86059E-07	0.07639	7.02405E-06	0.00308
443893.88	3747174	57616.63347	0.00316	0.02648	3.79045E-07	0.07313	6.72429E-06	0.00317
443900.93	3747150.23	48007.28715	0.00263	0.02608	3.73319E-07	0.06973	6.41166E-06	0.00264
443879.8	3747124.7	35654.70025	0.00196	0.02587	3.70313E-07	0.06557	6.02915E-06	0.00196
443859.56	3747118.54	31640.12558	0.00174	0.02586	3.70170E-07	0.06390	5.87559E-06	0.00174
443821.71	3747120.3	27800.35351	0.00153	0.02597	3.71745E-07	0.06400	5.88479E-06	0.00153
444137.71	3747581.54	244110.9557	0.01339	0.03278	4.69226E-07	0.20115	1.84957E-05	0.01341
444132.43	3747563.06	250396.4687	0.01374	0.03232	4.62641E-07	0.18970	1.74429E-05	0.01376
444122.74	3747541.93	265502.0146	0.01457	0.03195	4.57345E-07	0.18025	1.65740E-05	0.01458
444115.7	3747514.64	263377.4277	0.01445	0.03142	4.49758E-07	0.16693	1.53492E-05	0.01447
444104.26	3747490.88	277250.439	0.01521	0.03101	4.43889E-07	0.15835	1.45603E-05	0.01523
444093.7	3747447.75	271007.6622	0.01487	0.02993	4.28430E-07	0.13946	1.28233E-05	0.01488
444089.29	3747432.78	268737.1995	0.01474	0.02954	4.22847E-07	0.13363	1.22873E-05	0.01476
444084.01	3747410.78	256690.5489	0.01408	0.02889	4.13543E-07	0.12467	1.14634E-05	0.01409
444079.61	3747394.05	245418.7771	0.01346	0.02836	4.05956E-07	0.11775	1.08271E-05	0.01348
444066.41	3747371.17	247680.8844	0.01359	0.02768	3.96222E-07	0.10957	1.00749E-05	0.01360
444065.53	3747356.2	227966.9386	0.01251	0.02731	3.90926E-07	0.10444	9.60324E-06	0.01252
444057.61	3747328.92	208321.7018	0.01143	0.02679	3.83483E-07	0.09841	9.04878E-06	0.01144
444048.8	3747309.55	201861.0104	0.01107	0.02651	3.79475E-07	0.09563	8.79316E-06	0.01108
444041.76	3747289.31	189436.4589	0.01039	0.02623	3.75467E-07	0.09252	8.50720E-06	0.01040
444039.12	3747269.94	170009.6337	0.00933	0.02593	3.71172E-07	0.08903	8.18629E-06	0.00934
444032.08	3747252.34	162563.1689	0.00892	0.02572	3.68166E-07	0.08653	7.95642E-06	0.00893

444026.8	3747232.09	147754.1245	0.00811	0.02544	3.64158E-07	0.08288	7.62080E-06	0.00811
444024.16	3747211.85	126189.0963	0.00692	0.02512	3.59578E-07	0.07863	7.23001E-06	0.00693
444012.71	3747194.24	117450.1872	0.00644	0.02500	3.57860E-07	0.07559	6.95049E-06	0.00645
444009.19	3747178.4	96205.65456	0.00528	0.02482	3.55283E-07	0.07254	6.67004E-06	0.00529
444000.39	3747159.03	73773.40468	0.00405	0.02470	3.53566E-07	0.06955	6.39511E-06	0.00405
443990.71	3747139.67	57233.45518	0.00314	0.02465	3.52850E-07	0.06745	6.20201E-06	0.00315
443987.19	3747122.06	47236.41057	0.00259	0.02451	3.50846E-07	0.06517	5.99237E-06	0.00260
443544.98	3747753.94	28123.99832	0.00154	0.04822	6.90240E-07	3.07110	2.82387E-04	0.00183
443566.91	3747739.32	29073.87144	0.00160	0.04744	6.79075E-07	4.33457	3.98563E-04	0.00199
443582.75	3747705.21	29562.31193	0.00162	0.04544	6.50446E-07	3.08003	2.83208E-04	0.00191
443608.33	3747662.57	30254.62819	0.00166	0.04288	6.13801E-07	2.85244	2.62281E-04	0.00192
443585.18	3747683.28	29279.74671	0.00161	0.04408	6.30978E-07	2.24464	2.06394E-04	0.00181
443664.38	3747610.18	34224.90341	0.00188	0.04028	5.76584E-07	3.23324	2.97296E-04	0.00218
444061.69	3748396.73	199317.0483	0.01094	0.07097	1.01589E-06	2.05389	1.88855E-04	0.01113
443702.16	3748778.14	278696.1536	0.01529	0.40239	5.75997E-06	0.09712	8.93017E-06	0.01530
443720.87	3748761.68	335421.8942	0.01840	0.35706	5.11110E-06	0.10280	9.45244E-06	0.01842
443735.08	3748748.96	382662.4653	0.02099	0.32612	4.66821E-06	0.10761	9.89472E-06	0.02101
443761.27	3748751.2	310706.2388	0.01705	0.30130	4.31293E-06	0.11354	1.04400E-05	0.01706
443781.48	3748750.46	283067.266	0.01553	0.28286	4.04897E-06	0.11880	1.09236E-05	0.01554
443799.43	3748733.25	335303.0038	0.01840	0.25494	3.64931E-06	0.12675	1.16546E-05	0.01841
443816.64	3748742.22	266084.5773	0.01460	0.25031	3.58304E-06	0.13020	1.19719E-05	0.01461
443859.29	3748707.06	276785.7892	0.01519	0.20408	2.92128E-06	0.15249	1.40214E-05	0.01520
443854.8	3748660.67	400713.596	0.02198	0.18220	2.60808E-06	0.16298	1.49860E-05	0.02200
443872.01	3748652.43	351991.8549	0.01931	0.17183	2.45964E-06	0.17346	1.59496E-05	0.01933
443881.74	3748635.22	348334.2154	0.01911	0.16080	2.30175E-06	0.18455	1.69693E-05	0.01913
443889.22	3748615.02	357286.098	0.01960	0.15017	2.14959E-06	0.19704	1.81178E-05	0.01962
443912.42	3748586.59	328072.994	0.01800	0.13340	1.90954E-06	0.22717	2.08882E-05	0.01802
443949.73	3748543.05	291186.9604	0.01598	0.11218	1.60579E-06	0.29644	2.72576E-05	0.01600
443955.98	3748523.52	311311.2221	0.01708	0.10667	1.52692E-06	0.32541	2.99214E-05	0.01711
443964.58	3748509.45	313352.2435	0.01719	0.10218	1.46264E-06	0.35688	3.28150E-05	0.01723
443975.51	3748496.56	306436.466	0.01681	0.09781	1.40009E-06	0.39755	3.65546E-05	0.01685
444002.47	3748489.92	249398.0228	0.01368	0.09292	1.33009E-06	0.47700	4.38601E-05	0.01373
443993.02	3748508.17	244251.7806	0.01340	0.09776	1.39938E-06	0.41448	3.81114E-05	0.01344
443984.29	3748521.95	242149.2914	0.01329	0.10171	1.45592E-06	0.37406	3.43947E-05	0.01332
443976.48	3748538.5	237609.0642	0.01304	0.10677	1.52835E-06	0.33789	3.10689E-05	0.01307
443964.53	3748550.91	246070.619	0.01350	0.11179	1.60021E-06	0.30681	2.82111E-05	0.01353
443950.29	3748565.15	257524.7517	0.01413	0.11814	1.69110E-06	0.27664	2.54370E-05	0.01416
443942.47	3748583.07	252904.3692	0.01388	0.12511	1.79087E-06	0.25473	2.34224E-05	0.01390
444015.08	3748474.62	239056.5031	0.01312	0.08830	1.26396E-06	0.56375	5.18367E-05	0.01317
444023.81	3748461.29	233436.7446	0.01281	0.08480	1.21386E-06	0.65466	6.01959E-05	0.01287
444033	3748446.13	226451.4098	0.01242	0.08113	1.16133E-06	0.79206	7.28298E-05	0.01250
444049.55	3748429.58	206054.7937	0.01130	0.07698	1.10192E-06	1.09336	1.00534E-04	0.01141
444052.31	3748411.2	214583.8115	0.01177	0.07421	1.06227E-06	1.39496	1.28266E-04	0.01190
443186.88	3748634.7	66382.58595	0.00364	0.77011	1.10237E-05	0.05427	4.99012E-06	0.00366
443201.94	3748608.36	66588.25628	0.00365	0.62454	8.93991E-06	0.05665	5.20896E-06	0.00367
443224.52	3748583.89	67741.50681	0.00372	0.51889	7.42760E-06	0.05999	5.51607E-06	0.00373
443237.69	3748551.9	69218.38986	0.00380	0.43187	6.18196E-06	0.06275	5.76985E-06	0.00381
443250.87	3748525.56	70597.91501	0.00387	0.37405	5.35430E-06	0.06554	6.02639E-06	0.00388
443267.8	3748491.68	68101.5407	0.00374	0.30576	4.37677E-06	0.07021	6.45580E-06	0.00375
443290.38	3748454.05	68498.12162	0.00376	0.25741	3.68467E-06	0.07590	6.97899E-06	0.00377
443299.79	3748416.41	62456.75649	0.00343	0.21718	3.10880E-06	0.08097	7.44518E-06	0.00344
443299.79	3748384.42	56586.19308	0.00310	0.19222	2.75151E-06	0.08443	7.76332E-06	0.00312
443301.68	3748352.43	52614.71737	0.00289	0.17355	2.48426E-06	0.08826	8.11549E-06	0.00290
443305.44	3748320.44	49061.39155	0.00269	0.15716	2.24965E-06	0.09279	8.53202E-06	0.00270
443117.28	3748611.37	52623.60503	0.00289	0.56272	8.05500E-06	0.05086	4.67657E-06	0.00290
443090.7	3748626.39	50914.97499	0.00279	0.57125	8.17710E-06	0.04878	4.48531E-06	0.00281
443162.35	3748585.94	56513.40429	0.00310	0.51343	7.34944E-06	0.05503	5.06000E-06	0.00311
443179.69	3748558.2	56276.44792	0.00309	0.43054	6.16292E-06	0.05796	5.32941E-06	0.00310
443190.09	3748530.47	54405.6189	0.00298	0.36357	5.20428E-06	0.06066	5.57768E-06	0.00300

443205.11	3748494.64	53163.95005	0.00292	0.30091	4.30734E-06	0.06427	5.90961E-06	0.00293
443229.38	3748456.5	51633.2419	0.00283	0.24483	3.50459E-06	0.06973	6.41166E-06	0.00284
443231.69	3748413.74	47323.00101	0.00260	0.20609	2.95005E-06	0.07342	6.75095E-06	0.00261
443252.5	3748389.47	48062.54223	0.00264	0.19125	2.73763E-06	0.07791	7.16381E-06	0.00265
443186.62	3748471.53	48068.54905	0.00264	0.26804	3.83683E-06	0.06419	5.90226E-06	0.00265
443141.55	3748525.84	46768.94904	0.00257	0.34821	4.98441E-06	0.05723	5.26229E-06	0.00258
443138.08	3748498.11	43568.90572	0.00239	0.29875	4.27642E-06	0.05868	5.39561E-06	0.00240
443150.79	3748472.68	43100.70781	0.00236	0.26521	3.79632E-06	0.06119	5.62641E-06	0.00237
443169.29	3748447.26	42891.15103	0.00235	0.23489	3.36231E-06	0.06452	5.93260E-06	0.00236
443183.15	3748419.52	41999.4969	0.00230	0.20874	2.98799E-06	0.06781	6.23512E-06	0.00231
443202.8	3748396.41	42319.55347	0.00232	0.19253	2.75595E-06	0.07156	6.57993E-06	0.00233
443224.76	3748373.29	42849.72745	0.00235	0.17909	2.56356E-06	0.07598	6.98635E-06	0.00236
443238.63	3748345.56	42001.04052	0.00230	0.16427	2.35143E-06	0.08029	7.38265E-06	0.00231
443112.66	3748590.56	49586.32101	0.00272	0.48136	6.89038E-06	0.05167	4.75105E-06	0.00273
443080.3	3748597.5	46110.24603	0.00253	0.45841	6.56186E-06	0.04963	4.56347E-06	0.00254
443072.21	3748572.07	42740.90517	0.00234	0.39003	5.58304E-06	0.05043	4.63703E-06	0.00236
443103.41	3748554.74	45234.41385	0.00248	0.38558	5.51934E-06	0.05286	4.86047E-06	0.00249
443093.01	3748532.78	42307.59932	0.00232	0.33683	4.82152E-06	0.05336	4.90644E-06	0.00233
444066.11	3748315.51	141671.7078	0.00777	0.06180	8.84629E-07	6.42829	5.91080E-04	0.00836
444098.47	3748350.18	129674.9061	0.00711	0.06223	8.90785E-07	6.66903	6.13216E-04	0.00773
444078.82	3748294.7	114877.1948	0.00630	0.05912	8.46267E-07	3.07471	2.82719E-04	0.00659
444089.22	3748273.9	98819.6883	0.00542	0.05692	8.14775E-07	1.99058	1.83033E-04	0.00561
444096.16	3748253.1	88103.55166	0.00483	0.05520	7.90155E-07	1.50103	1.38019E-04	0.00497
444111.18	3748321.29	104581.6625	0.00574	0.05873	8.40684E-07	2.70594	2.48811E-04	0.00599
444131.98	3748302.79	86568.61942	0.00475	0.05603	8.02035E-07	1.64212	1.50993E-04	0.00490
444135.45	3748284.3	79464.53005	0.00436	0.05437	7.78274E-07	1.33474	1.22729E-04	0.00448
443313.52	3748260.81	42892.26822	0.00235	0.13179	1.88649E-06	0.10277	9.44968E-06	0.00236
443230.72	3748275.87	35678.96497	0.00196	0.13198	1.88921E-06	0.08633	7.93803E-06	0.00197
443260.83	3748238.23	35484.93281	0.00195	0.12101	1.73218E-06	0.09587	8.81523E-06	0.00196
443274	3748215.65	34889.2443	0.00191	0.11482	1.64358E-06	0.10152	9.33474E-06	0.00193
443304.11	3748178.01	33784.91974	0.00185	0.10388	1.48698E-06	0.11495	1.05696E-05	0.00187
443198.73	3748330.44	36292.92035	0.00199	0.15130	2.16577E-06	0.07674	7.05623E-06	0.00200
443155.44	3748373.72	35620.20409	0.00195	0.17341	2.48226E-06	0.06843	6.29213E-06	0.00196
443119.69	3748411.36	34943.20367	0.00192	0.19855	2.84212E-06	0.06265	5.76066E-06	0.00193
443100.87	3748441.47	35705.92164	0.00196	0.22643	3.24121E-06	0.05916	5.43975E-06	0.00197
443093.34	3748477.23	38226.78738	0.00210	0.26622	3.81078E-06	0.05632	5.17861E-06	0.00211
443080.17	3748501.69	38789.99454	0.00213	0.28567	4.08919E-06	0.05410	4.97448E-06	0.00214
443718.12	3747857.82	43762.22444	0.00240	0.05241	7.50217E-07	2.08775	1.91968E-04	0.00259
443737.76	3747882.38	45266.8054	0.00248	0.05295	7.57947E-07	2.09655	1.92777E-04	0.00268
443765.27	3747898.1	47688.57604	0.00262	0.05241	7.50217E-07	1.82801	1.68085E-04	0.00279
443754.46	3747918.73	44731.47255	0.00245	0.05400	7.72977E-07	2.36988	2.17910E-04	0.00267
443696.5	3747826.38	41737.76073	0.00229	0.05150	7.37191E-07	2.03608	1.87217E-04	0.00248
443672.93	3747804.77	38641.87521	0.00212	0.05074	7.26312E-07	2.18016	2.00465E-04	0.00232
443726.96	3747844.07	45737.38021	0.00251	0.05132	7.34615E-07	1.82355	1.67675E-04	0.00268
443710.26	3747771.37	43174.10526	0.00237	0.04735	6.77787E-07	1.87416	1.72329E-04	0.00254
443737.76	3747790.04	47945.65029	0.00263	0.04729	6.76928E-07	1.78340	1.63983E-04	0.00280
443746.61	3747808.7	50041.01052	0.00275	0.04820	6.89954E-07	1.70570	1.56839E-04	0.00290
443762.32	3747821.47	53650.93817	0.00294	0.04847	6.93819E-07	1.69713	1.56051E-04	0.00310
443787.87	3747845.05	59379.2031	0.00326	0.04894	7.00546E-07	1.67262	1.53797E-04	0.00341
443800.64	3747866.66	60667.70762	0.00333	0.04985	7.13573E-07	1.60164	1.47270E-04	0.00348
443806.53	3747929.53	50523.62906	0.00277	0.05291	7.57375E-07	1.59853	1.46985E-04	0.00292
443520.64	3747701.59	26480.38569	0.00145	0.04466	6.39281E-07	0.97919	9.00363E-05	0.00154
443551.64	3747661.73	27301.77912	0.00150	0.04268	6.10938E-07	1.02389	9.41465E-05	0.00159
443591.49	3747635.16	28656.89967	0.00157	0.04132	5.91471E-07	1.34533	1.23703E-04	0.00170
443836.47	3747717.7	97504.15854	0.00535	0.04296	6.14946E-07	2.72086	2.50183E-04	0.00560
443840.73	3747688.6	97755.68933	0.00536	0.04154	5.94620E-07	1.81875	1.67234E-04	0.00553
443841.44	3747663.76	91748.78565	0.00503	0.03993	5.71574E-07	1.42835	1.31337E-04	0.00517
443804.53	3747670.15	74795.17124	0.00410	0.04188	5.99487E-07	2.23184	2.05217E-04	0.00431
443787.49	3747657.37	61577.92863	0.00338	0.04055	5.80449E-07	2.55890	2.35290E-04	0.00361

443777.55	3747633.95	55553.93408	0.00305	0.03942	5.64273E-07	2.13903	1.96683E-04	0.00325
443744.9	3747619.04	46707.29663	0.00256	0.03957	5.66421E-07	2.63475	2.42265E-04	0.00281
443761.94	3747606.26	50567.95974	0.00277	0.03884	5.55971E-07	1.55645	1.43115E-04	0.00292
443844.28	3747623.3	83615.9969	0.00459	0.03741	5.35501E-07	0.92080	8.46674E-05	0.00467
443847.12	3747599.87	83316.32513	0.00457	0.03651	5.22618E-07	0.70159	6.45111E-05	0.00464
443852.79	3747578.58	85379.35664	0.00468	0.03572	5.11310E-07	0.54752	5.03444E-05	0.00474
443849.96	3747558	81628.3172	0.00448	0.03513	5.02865E-07	0.45330	4.16808E-05	0.00452
443849.96	3747537.41	80595.3748	0.00442	0.03463	4.95707E-07	0.38138	3.50678E-05	0.00446
443854.92	3747518.25	82179.60293	0.00451	0.03402	4.86976E-07	0.32414	2.98046E-05	0.00454
443847.12	3747495.53	74939.80445	0.00411	0.03352	4.79818E-07	0.27898	2.56522E-05	0.00414
443853.5	3747478.5	77053.2371	0.00423	0.03297	4.71946E-07	0.24680	2.26932E-05	0.00425
443850.67	3747457.2	73418.1249	0.00403	0.03250	4.65218E-07	0.21879	2.01177E-05	0.00405
443854.21	3747438.75	73433.32019	0.00403	0.03197	4.57631E-07	0.19607	1.80286E-05	0.00405
443849.96	3747397.58	67474.54698	0.00370	0.03112	4.45464E-07	0.16071	1.47773E-05	0.00372
443854.21	3747418.16	71270.7885	0.00391	0.03148	4.50617E-07	0.17577	1.61620E-05	0.00393
443853.5	3747378.41	67908.07795	0.00373	0.03068	4.39166E-07	0.14766	1.35773E-05	0.00374
443843.57	3747336.54	60087.56336	0.00330	0.02998	4.29146E-07	0.12447	1.14450E-05	0.00331
443836.47	3747315.24	55548.91617	0.00305	0.02965	4.24422E-07	0.11462	1.05393E-05	0.00306
443829.37	3747296.08	51285.66127	0.00281	0.02934	4.19984E-07	0.10639	9.78254E-06	0.00282
443827.95	3747274.07	48816.61297	0.00268	0.02891	4.13829E-07	0.09824	9.03315E-06	0.00269
443816.59	3747254.2	43491.26549	0.00239	0.02860	4.09392E-07	0.09225	8.48237E-06	0.00239
443805.95	3747236.45	39103.05437	0.00215	0.02829	4.04954E-07	0.08733	8.02998E-06	0.00215
443803.11	3747219.42	36731.81948	0.00202	0.02794	3.99944E-07	0.08289	7.62172E-06	0.00202
443838.6	3747186.06	39846.47241	0.00219	0.02714	3.88493E-07	0.07512	6.90727E-06	0.00219
443838.6	3747171.15	37137.78827	0.00204	0.02687	3.84628E-07	0.07238	6.65533E-06	0.00204
443970.69	3747984.97	64128.54427	0.00352	0.05277	7.55371E-07	0.81900	7.53069E-05	0.00359
443980.63	3747995.62	60152.35612	0.00330	0.05218	7.46925E-07	0.79341	7.29539E-05	0.00337
443994.83	3748014.08	56082.0419	0.00308	0.05168	7.39768E-07	0.76799	7.06165E-05	0.00315
444006.19	3748026.85	53954.84027	0.00296	0.05114	7.32038E-07	0.74942	6.89090E-05	0.00303
444016.83	3748040.34	52645.93746	0.00289	0.05083	7.27601E-07	0.73978	6.80226E-05	0.00296
444040.26	3748051.7	51397.79299	0.00282	0.04980	7.12857E-07	0.69010	6.34546E-05	0.00288
444048.78	3748065.89	50784.53186	0.00279	0.04960	7.09994E-07	0.69236	6.36624E-05	0.00285
444060.13	3748085.77	51125.04	0.00280	0.04957	7.09564E-07	0.70401	6.47336E-05	0.00287
444079.3	3748100.68	51535.79714	0.00283	0.04913	7.03266E-07	0.68356	6.28532E-05	0.00289
444088.53	3748117	53248.1137	0.00292	0.04936	7.06558E-07	0.69918	6.42895E-05	0.00299
444101.3	3748132.62	54682.84152	0.00300	0.04938	7.06845E-07	0.70228	6.45745E-05	0.00307
444114.79	3748147.53	55493.49668	0.00304	0.04913	7.03266E-07	0.69891	6.42646E-05	0.00311
444129.7	3748161.72	55791.40165	0.00306	0.04886	6.99401E-07	0.68919	6.33709E-05	0.00312
444141.76	3748177.34	56143.06751	0.00308	0.04868	6.96825E-07	0.69140	6.35741E-05	0.00314
444158.09	3748180.89	53604.57044	0.00294	0.04781	6.84371E-07	0.64634	5.94308E-05	0.00300
444169.45	3748204.31	53955.3948	0.00296	0.04778	6.83942E-07	0.66279	6.09434E-05	0.00302
444190.03	3748217.09	51193.57599	0.00281	0.04693	6.71774E-07	0.62056	5.70604E-05	0.00287
444192.83	3748193.06	47932.94252	0.00263	0.04567	6.53738E-07	0.56103	5.15866E-05	0.00268
444195.33	3748122.7	43058.12322	0.00236	0.04337	6.20815E-07	0.45728	4.20468E-05	0.00240
444008.68	3747956.49	78592.84602	0.00431	0.04857	6.95250E-07	0.73655	6.77256E-05	0.00438
444019.33	3747969.98	68538.84135	0.00376	0.04825	6.90669E-07	0.68735	6.32017E-05	0.00382
444042.75	3747981.34	61689.34982	0.00338	0.04686	6.70772E-07	0.62239	5.72286E-05	0.00344
444051.27	3747995.53	57461.54894	0.00315	0.04703	6.73206E-07	0.60385	5.55239E-05	0.00321
444062.63	3748015.41	53553.33019	0.00294	0.04727	6.76641E-07	0.58942	5.41971E-05	0.00299
444081.79	3748030.32	51287.53793	0.00281	0.04684	6.70486E-07	0.56364	5.18266E-05	0.00287
444091.02	3748046.64	49913.43554	0.00274	0.04697	6.72347E-07	0.56260	5.17310E-05	0.00279
444103.8	3748062.26	49450.10141	0.00271	0.04704	6.73349E-07	0.55695	5.12114E-05	0.00276
444117.29	3748077.17	48751.92226	0.00267	0.04683	6.70343E-07	0.54949	5.05255E-05	0.00273
444132.19	3748091.36	48252.26339	0.00265	0.04649	6.65476E-07	0.53946	4.96032E-05	0.00270
444144.26	3748106.98	48058.04553	0.00264	0.04627	6.62327E-07	0.53738	4.94120E-05	0.00269
444160.59	3748110.53	46914.19664	0.00257	0.04551	6.51448E-07	0.51033	4.69247E-05	0.00262
444171.94	3748133.95	46733.64282	0.00256	0.04535	6.49158E-07	0.51908	4.77293E-05	0.00261
444192.53	3748146.73	44335.33455	0.00243	0.04414	6.31837E-07	0.48911	4.49736E-05	0.00248
444143.39	3748498.91	100439.4969	0.00551	0.07958	1.13914E-06	1.78604	1.64226E-04	0.00568

444154.04	3748512.39	94260.55054	0.00517	0.08069	1.15503E-06	1.77032	1.62781E-04	0.00534
444177.46	3748523.75	85128.12719	0.00467	0.08057	1.15331E-06	2.35043	2.16122E-04	0.00489
444185.98	3748537.95	81462.8925	0.00447	0.08212	1.17550E-06	2.19367	2.01708E-04	0.00467
444197.34	3748557.82	76442.30585	0.00419	0.08404	1.20298E-06	2.00311	1.84186E-04	0.00438
444216.5	3748572.73	70551.73313	0.00387	0.08440	1.20813E-06	2.34614	2.15727E-04	0.00409
444225.73	3748589.05	67402.52254	0.00370	0.08591	1.22975E-06	2.16016	1.98626E-04	0.00390
444238.51	3748604.67	63827.95814	0.00350	0.08684	1.24306E-06	2.18088	2.00531E-04	0.00370
444251.99	3748619.58	60450.23085	0.00332	0.08745	1.25179E-06	2.27065	2.08786E-04	0.00353
444266.9	3748633.77	57153.22271	0.00314	0.08767	1.25494E-06	2.49781	2.29673E-04	0.00337
444278.97	3748649.39	54413.11071	0.00299	0.08826	1.26339E-06	2.58347	2.37550E-04	0.00322
444295.29	3748652.94	52033.85733	0.00285	0.08682	1.24278E-06	3.88558	3.57278E-04	0.00321
444306.65	3748676.37	49266.33067	0.00270	0.08825	1.26325E-06	3.91234	3.59739E-04	0.00306
444237.65	3748593.44	64773.69547	0.00355	0.08536	1.22188E-06	2.62016	2.40923E-04	0.00380
444061.66	3748440.72	178053.1744	0.00977	0.07739	1.10779E-06	1.12922	1.03832E-04	0.00987
444085.08	3748452.08	145882.4123	0.00800	0.07700	1.10221E-06	1.35264	1.24375E-04	0.00813
444093.6	3748466.28	135859.9562	0.00745	0.07877	1.12754E-06	1.27491	1.17228E-04	0.00757
444104.96	3748486.15	123121.1694	0.00675	0.08098	1.15918E-06	1.17761	1.08281E-04	0.00686
444124.12	3748501.06	109913.2913	0.00603	0.08185	1.17163E-06	1.27848	1.17556E-04	0.00615
444133.35	3748517.39	103070.8433	0.00565	0.08374	1.19869E-06	1.20329	1.10642E-04	0.00577
444146.13	3748533	95111.41331	0.00522	0.08491	1.21544E-06	1.20446	1.10750E-04	0.00533
444159.61	3748547.91	88343.3147	0.00485	0.08601	1.23118E-06	1.22734	1.12854E-04	0.00496
444174.52	3748562.11	82243.38221	0.00451	0.08692	1.24421E-06	1.28830	1.18459E-04	0.00463
444186.59	3748577.72	77158.81066	0.00423	0.08808	1.26081E-06	1.28302	1.17973E-04	0.00435
444202.91	3748581.27	72935.35227	0.00400	0.08702	1.24564E-06	1.57796	1.45093E-04	0.00415
444214.27	3748604.7	68555.21195	0.00376	0.08947	1.28071E-06	1.41027	1.29674E-04	0.00389
444234.86	3748617.47	63546.25673	0.00349	0.08904	1.27455E-06	1.67838	1.54327E-04	0.00364
443957.64	3748095.6	61819.56698	0.00339	0.05735	8.20930E-07	1.42181	1.30735E-04	0.00352
CONCUNIT ug	/m^3	0	0.00000	0.00000	0.00000E+00	0.00000	0.00000E+00	0.00000
DEPUNIT g/m	^2	0	0.00000	0.00000	0.00000E+00	0.00000	0.00000E+00	0.00000
0	0	0	0.00000	0.00000	0.00000E+00	0.00000	0.00000E+00	0.00000

Trails of Corona

2022 **No Mitigation** **at Sensitive Receptors**

Construction Annual DPM Emissions (as PM10 Exhaust)

X (m)	Y (m)	Onsite Annual DPM Exhaust w/Unit Emissions (ug/m3)	Onsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Unit Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Unit Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Total DPM (ug/m3)
443543.62	3748016.2	35156.94454	0.00162	0.07477	9.66494E-07	0.41552	3.45018E-05	0.00166
443581.38	3748016.2	36622.07968	0.00169	0.07287	9.41935E-07	0.52827	4.38638E-05	0.00173
443619.14	3748016.2	38578.71528	0.00178	0.07096	9.17246E-07	0.69873	5.80175E-05	0.00184
443656.9	3748016.2	40918.00742	0.00189	0.06920	8.94495E-07	0.98771	8.20124E-05	0.00197
443694.66	3748016.2	43836.17418	0.00202	0.06805	8.79630E-07	1.56020	1.29548E-04	0.00215
443732.42	3748016.2	45683.33344	0.00211	0.06551	8.46798E-07	3.41537	2.83588E-04	0.00239
443543.62	3748046.66	36897.38741	0.00170	0.07866	1.01678E-06	0.36211	3.00670E-05	0.00173
443581.38	3748046.66	38550.11084	0.00178	0.07661	9.90279E-07	0.44715	3.71281E-05	0.00182
443619.14	3748046.66	40642.28578	0.00188	0.07449	9.62875E-07	0.56902	4.72473E-05	0.00192
443656.9	3748046.66	43341.14312	0.00200	0.07289	9.42193E-07	0.75771	6.29148E-05	0.00206
443694.66	3748046.66	46809.0846	0.00216	0.07199	9.30560E-07	1.07871	8.95683E-05	0.00225
443732.42	3748046.66	48755.43749	0.00225	0.06933	8.96176E-07	1.85184	1.53764E-04	0.00240
443543.62	3748077.12	39404.88209	0.00182	0.08341	1.07818E-06	0.31914	2.64991E-05	0.00185
443581.38	3748077.12	41316.11417	0.00191	0.08112	1.04858E-06	0.38525	3.19884E-05	0.00194
443619.14	3748077.12	43760.54368	0.00202	0.07893	1.02027E-06	0.47585	3.95112E-05	0.00206
443656.9	3748077.12	46150.17698	0.00213	0.07628	9.86013E-07	0.61043	5.06857E-05	0.00218
443694.66	3748077.12	49883.26321	0.00230	0.07513	9.71148E-07	0.82192	6.82463E-05	0.00237
443732.42	3748077.12	52236.79016	0.00241	0.07229	9.34437E-07	1.24369	1.03267E-04	0.00251
443543.62	3748107.58	42664.91899	0.00197	0.08886	1.14863E-06	0.28422	2.35996E-05	0.00199
443581.38	3748107.58	44769.17854	0.00207	0.08600	1.11166E-06	0.33721	2.79995E-05	0.00209
443619.14	3748107.58	46761.89683	0.00216	0.08232	1.06409E-06	0.40813	3.38882E-05	0.00219
443656.9	3748107.58	49529.12199	0.00229	0.07943	1.02673E-06	0.50715	4.21101E-05	0.00233
443694.66	3748107.58	54047.9059	0.00249	0.07834	1.01264E-06	0.65526	5.44081E-05	0.00255
443732.42	3748107.58	57212.48007	0.00264	0.07534	9.73862E-07	0.91330	7.58339E-05	0.00272
443543.62	3748138.04	46381.87285	0.00214	0.09424	1.21817E-06	0.25588	2.12464E-05	0.00216
443581.38	3748138.04	48334.7879	0.00223	0.09014	1.16517E-06	0.29950	2.48683E-05	0.00226
443619.14	3748138.04	50689.1187	0.00234	0.08599	1.11153E-06	0.35541	2.95107E-05	0.00237
443656.9	3748138.04	54323.18345	0.00251	0.08313	1.07456E-06	0.43068	3.57606E-05	0.00254
443694.66	3748138.04	59870.18055	0.00276	0.08181	1.05750E-06	0.53911	4.47638E-05	0.00281
443732.42	3748138.04	64471.89771	0.00297	0.07872	1.01755E-06	0.71038	5.89849E-05	0.00303
443543.62	3748168.5	50491.68567	0.00233	0.09937	1.28448E-06	0.23252	1.93068E-05	0.00235
443581.38	3748168.5	53041.01358	0.00245	0.09492	1.22696E-06	0.26851	2.22951E-05	0.00247
443619.14	3748168.5	56037.73207	0.00259	0.09031	1.16737E-06	0.31357	2.60366E-05	0.00261
443656.9	3748168.5	61039.14776	0.00282	0.08751	1.13117E-06	0.37265	3.09422E-05	0.00285
443694.66	3748168.5	68167.33276	0.00314	0.08580	1.10907E-06	0.45466	3.77517E-05	0.00318
443732.42	3748168.5	74705.07557	0.00345	0.08219	1.06241E-06	0.57593	4.78211E-05	0.00350
444172.99	3747085.77	29448.16587	0.00136	0.02206	2.85153E-07	0.05535	4.59587E-06	0.00136
444272.99	3747085.77	25352.98114	0.00117	0.02204	2.84894E-07	0.05310	4.40904E-06	0.00117
444372.99	3747085.77	21798.2038	0.00101	0.02195	2.83731E-07	0.05019	4.16742E-06	0.00101
444472.99	3747085.77	18895.27197	0.00087	0.02149	2.77785E-07	0.04684	3.88926E-06	0.00088
444572.99	3747085.77	16521.66666	0.00076	0.02067	2.67185E-07	0.04363	3.62272E-06	0.00077
444672.99	3747085.77	14763.1768	0.00068	0.01976	2.55422E-07	0.04146	3.44254E-06	0.00068
444772.99	3747085.77	13333.48087	0.00062	0.01874	2.42238E-07	0.03956	3.28478E-06	0.00062
444872.99	3747085.77	12154.7418	0.00056	0.01774	2.29311E-07	0.03783	3.14113E-06	0.00056
444972.99	3747085.77	11145.1858	0.00051	0.01678	2.16902E-07	0.03597	2.98669E-06	0.00052
445072.99	3747085.77	10314.7653	0.00048	0.01597	2.06432E-07	0.03416	2.83640E-06	0.00048
445172.99	3747085.77	9613.03502	0.00044	0.01534	1.98288E-07	0.03255	2.70272E-06	0.00045
445272.99	3747085.77	9030.44559	0.00042	0.01490	1.92601E-07	0.03124	2.59395E-06	0.00042
445372.99	3747085.77	8484.53473	0.00039	0.01453	1.87818E-07	0.02991	2.48351E-06	0.00039
445472.99	3747085.77	7969.51529	0.00037	0.01420	1.83553E-07	0.02848	2.36478E-06	0.00037

445572.99	3747085.77	7523.0254	0.00035	0.01389	1.79545E-07	0.02711	2.25102E-06	0.00035
444172.99	3747185.77	47140.33562	0.00217	0.02369	3.06222E-07	0.06532	5.42370E-06	0.00218
444272.99	3747185.77	36070.83486	0.00166	0.02372	3.06610E-07	0.06178	5.12977E-06	0.00167
444372.99	3747185.77	28781.62787	0.00133	0.02340	3.02474E-07	0.05771	4.79182E-06	0.00133
444472.99	3747185.77	23544.8421	0.00109	0.02256	2.91616E-07	0.05309	4.40821E-06	0.00109
444572.99	3747185.77	19933.52106	0.00092	0.02149	2.77785E-07	0.04949	4.10929E-06	0.00092
444672.99	3747185.77	17335.878	0.00080	0.02033	2.62790E-07	0.04684	3.88926E-06	0.00080
444772.99	3747185.77	15280.27518	0.00070	0.01912	2.47150E-07	0.04438	3.68500E-06	0.00071
444872.99	3747185.77	13689.80145	0.00063	0.01802	2.32931E-07	0.04210	3.49568E-06	0.00064
444972.99	3747185.77	12412.60824	0.00057	0.01710	2.21039E-07	0.03975	3.30056E-06	0.00058
445072.99	3747185.77	11343.53923	0.00052	0.01637	2.11602E-07	0.03743	3.10792E-06	0.00053
445172.99	3747185.77	10448.35434	0.00048	0.01584	2.04752E-07	0.03544	2.94268E-06	0.00049
445272.99	3747185.77	9719.27185	0.00045	0.01547	1.99969E-07	0.03379	2.80568E-06	0.00045
445372.99	3747185.77	9037.83716	0.00042	0.01511	1.95315E-07	0.03204	2.66037E-06	0.00042
445472.99	3747185.77	8440.92228	0.00039	0.01474	1.90533E-07	0.03032	2.51756E-06	0.00039
445572.99	3747185.77	7914.78359	0.00037	0.01435	1.85491E-07	0.02867	2.38055E-06	0.00037
444172.99	3747285.77	76910.80717	0.00355	0.02562	3.31170E-07	0.07905	6.56375E-06	0.00356
444272.99	3747285.77	52107.24958	0.00240	0.02541	3.28456E-07	0.07290	6.05309E-06	0.00241
444372.99	3747285.77	38305.54689	0.00177	0.02472	3.19536E-07	0.06724	5.58313E-06	0.00177
444472.99	3747285.77	29912.32438	0.00138	0.02360	3.05059E-07	0.06193	5.14222E-06	0.00139
444572.99	3747285.77	24413.72426	0.00113	0.02225	2.87609E-07	0.05743	4.76858E-06	0.00113
444672.99	3747285.77	20479.76338	0.00094	0.02082	2.69124E-07	0.05363	4.45305E-06	0.00095
444772.99	3747285.77	17590.99786	0.00081	0.01948	2.51803E-07	0.05026	4.17323E-06	0.00082
444872.99	3747285.77	15450.1467	0.00071	0.01839	2.37713E-07	0.04709	3.91002E-06	0.00072
444972.99	3747285.77	13731.21867	0.00063	0.01754	2.26726E-07	0.04381	3.63767E-06	0.00064
445072.99	3747285.77	12392.71842	0.00057	0.01694	2.18970E-07	0.04098	3.40269E-06	0.00058
445172.99	3747285.77	11291.96327	0.00052	0.01649	2.13154E-07	0.03856	3.20175E-06	0.00052
445272.99	3747285.77	10373.34735	0.00048	0.01610	2.08112E-07	0.03638	3.02073E-06	0.00048
445372.99	3747285.77	9596.84047	0.00044	0.01570	2.02942E-07	0.03428	2.84637E-06	0.00045
445472.99	3747285.77	8934.88398	0.00041	0.01526	1.97254E-07	0.03228	2.68030E-06	0.00042
445572.99	3747285.77	8349.29477	0.00039	0.01475	1.90662E-07	0.03037	2.52171E-06	0.00039
444172.99	3747385.77	114206.4687	0.00527	0.02775	3.58703E-07	0.10003	8.30577E-06	0.00528
444272.99	3747385.77	71489.65336	0.00330	0.02716	3.51076E-07	0.08976	7.45303E-06	0.00331
444372.99	3747385.77	49973.32393	0.00231	0.02607	3.36987E-07	0.08131	6.75140E-06	0.00231
444472.99	3747385.77	37613.24672	0.00174	0.02463	3.18373E-07	0.07400	6.14443E-06	0.00174
444572.99	3747385.77	29949.0782	0.00138	0.02312	2.98855E-07	0.06818	5.66118E-06	0.00139
444672.99	3747385.77	23789.08825	0.00110	0.02124	2.74553E-07	0.06178	5.12977E-06	0.00110
444772.99	3747385.77	19934.89263	0.00092	0.01990	2.57232E-07	0.05705	4.73702E-06	0.00092
444872.99	3747385.77	17129.07172	0.00079	0.01891	2.44435E-07	0.05252	4.36088E-06	0.00079
444972.99	3747385.77	15023.72637	0.00069	0.01820	2.35257E-07	0.04839	4.01796E-06	0.00070
445072.99	3747385.77	13355.55417	0.00062	0.01765	2.28148E-07	0.04480	3.71987E-06	0.00062
445172.99	3747385.77	12055.55268	0.00056	0.01719	2.22202E-07	0.04186	3.47575E-06	0.00056
445272.99	3747385.77	11004.48444	0.00051	0.01671	2.15997E-07	0.03918	3.25323E-06	0.00051
445372.99	3747385.77	10162.78317	0.00047	0.01622	2.09664E-07	0.03673	3.04980E-06	0.00047
445472.99	3747385.77	9431.29039	0.00044	0.01566	2.02425E-07	0.03436	2.85301E-06	0.00044
445572.99	3747385.77	8797.93874	0.00041	0.01511	1.95315E-07	0.03215	2.66951E-06	0.00041
444172.99	3747485.77	151877.0187	0.00701	0.03004	3.88304E-07	0.13369	1.11007E-05	0.00702
444272.99	3747485.77	89445.08799	0.00413	0.02878	3.72017E-07	0.11434	9.49397E-06	0.00414
444372.99	3747485.77	61392.41098	0.00283	0.02733	3.53274E-07	0.10152	8.42949E-06	0.00284
444472.99	3747485.77	44597.81961	0.00206	0.02543	3.28714E-07	0.08976	7.45303E-06	0.00207
444572.99	3747485.77	33560.29456	0.00155	0.02335	3.01828E-07	0.07937	6.59032E-06	0.00156
444672.99	3747485.77	26489.28262	0.00122	0.02165	2.79853E-07	0.07116	5.90862E-06	0.00123
444772.99	3747485.77	21941.86438	0.00101	0.02051	2.65117E-07	0.06475	5.37638E-06	0.00102
444872.99	3747485.77	18601.37626	0.00086	0.01967	2.54259E-07	0.05868	4.87237E-06	0.00086
444972.99	3747485.77	16146.75813	0.00074	0.01904	2.46115E-07	0.05351	4.44309E-06	0.00075
445072.99	3747485.77	14249.94123	0.00066	0.01845	2.38489E-07	0.04918	4.08355E-06	0.00066
445172.99	3747485.77	12790.41472	0.00059	0.01786	2.30863E-07	0.04553	3.78048E-06	0.00059
445272.99	3747485.77	11639.56754	0.00054	0.01725	2.22978E-07	0.04224	3.50731E-06	0.00054
445372.99	3747485.77	10712.8063	0.00049	0.01665	2.15222E-07	0.03924	3.25821E-06	0.00050

445472.99	3747485.77	9957.74921	0.00046	0.01611	2.08242E-07	0.03655	3.03485E-06	0.00046
445572.99	3747485.77	9331.40926	0.00043	0.01568	2.02683E-07	0.03417	2.83723E-06	0.00043
444172.99	3747585.77	181854.603	0.00839	0.03234	4.18034E-07	0.18696	1.55238E-05	0.00841
444272.99	3747585.77	100974.3669	0.00466	0.03030	3.91665E-07	0.15077	1.25189E-05	0.00467
444372.99	3747585.77	67868.59582	0.00313	0.02834	3.66329E-07	0.12793	1.06224E-05	0.00314
444472.99	3747585.77	48215.52557	0.00222	0.02601	3.36211E-07	0.10883	9.03646E-06	0.00223
444572.99	3747585.77	35716.21632	0.00165	0.02381	3.07774E-07	0.09311	7.73119E-06	0.00166
444672.99	3747585.77	28372.76631	0.00131	0.02241	2.89677E-07	0.08247	6.84772E-06	0.00132
444772.99	3747585.77	23386.21451	0.00108	0.02144	2.77138E-07	0.07370	6.11952E-06	0.00109
444872.99	3747585.77	19722.49006	0.00091	0.02064	2.66797E-07	0.06575	5.45941E-06	0.00092
444972.99	3747585.77	17038.83606	0.00079	0.01991	2.57361E-07	0.05923	4.91803E-06	0.00079
445072.99	3747585.77	15066.63126	0.00070	0.01921	2.48313E-07	0.05412	4.49374E-06	0.00070
445172.99	3747585.77	13489.02501	0.00062	0.01847	2.38748E-07	0.04952	4.11179E-06	0.00063
445272.99	3747585.77	12281.77979	0.00057	0.01781	2.30216E-07	0.04555	3.78215E-06	0.00057
445372.99	3747585.77	11318.81326	0.00052	0.01728	2.23365E-07	0.04205	3.49153E-06	0.00053
445472.99	3747585.77	10515.86921	0.00049	0.01686	2.17936E-07	0.03892	3.23164E-06	0.00049
445572.99	3747585.77	9888.17219	0.00046	0.01665	2.15222E-07	0.03635	3.01824E-06	0.00046
444172.99	3747685.77	158862.0873	0.00733	0.03471	4.48670E-07	0.26299	2.18368E-05	0.00735
444272.99	3747685.77	96509.28366	0.00445	0.03194	4.12864E-07	0.19937	1.65543E-05	0.00447
444372.99	3747685.77	65730.21331	0.00303	0.02926	3.78222E-07	0.15950	1.32437E-05	0.00305
444472.99	3747685.77	47086.8567	0.00217	0.02664	3.44355E-07	0.13013	1.08051E-05	0.00218
444572.99	3747685.77	35750.1885	0.00165	0.02469	3.19149E-07	0.10917	9.06469E-06	0.00166
444672.99	3747685.77	28694.87644	0.00132	0.02346	3.03249E-07	0.09476	7.86819E-06	0.00133
444772.99	3747685.77	23804.85116	0.00110	0.02249	2.90711E-07	0.08299	6.89089E-06	0.00111
444872.99	3747685.77	20322.38774	0.00094	0.02163	2.79594E-07	0.07335	6.09046E-06	0.00094
444972.99	3747685.77	17685.53131	0.00082	0.02075	2.68219E-07	0.06553	5.44114E-06	0.00082
445072.99	3747685.77	15702.58219	0.00072	0.01995	2.57878E-07	0.05928	4.92219E-06	0.00073
445172.99	3747685.77	14148.16717	0.00065	0.01926	2.48959E-07	0.05385	4.47132E-06	0.00066
445272.99	3747685.77	12898.03385	0.00060	0.01872	2.41979E-07	0.04904	4.07193E-06	0.00060
445372.99	3747685.77	11884.21353	0.00055	0.01834	2.37067E-07	0.04490	3.72817E-06	0.00055
445472.99	3747685.77	11049.88405	0.00051	0.01813	2.34353E-07	0.04140	3.43756E-06	0.00051
445572.99	3747685.77	10349.19814	0.00048	0.01804	2.33189E-07	0.03849	3.19593E-06	0.00048
444172.99	3747785.77	116724.1697	0.00539	0.03674	4.74910E-07	0.34689	2.88033E-05	0.00541
444272.99	3747785.77	78001.26389	0.00360	0.03334	4.30961E-07	0.24961	2.07258E-05	0.00362
444372.99	3747785.77	57565.43482	0.00266	0.03061	3.95672E-07	0.19359	1.60743E-05	0.00267
444472.99	3747785.77	42739.95234	0.00197	0.02781	3.59479E-07	0.15321	1.27215E-05	0.00198
444572.99	3747785.77	33726.33708	0.00156	0.02604	3.36599E-07	0.12656	1.05086E-05	0.00157
444672.99	3747785.77	27740.61196	0.00128	0.02474	3.19795E-07	0.10760	8.93433E-06	0.00129
444772.99	3747785.77	23650.12604	0.00109	0.02370	3.06352E-07	0.09314	7.73368E-06	0.00110
444872.99	3747785.77	20479.0748	0.00094	0.02266	2.92908E-07	0.08129	6.74974E-06	0.00095
444972.99	3747785.77	18019.62724	0.00083	0.02173	2.80887E-07	0.07199	5.97753E-06	0.00084
445072.99	3747785.77	16099.08112	0.00074	0.02098	2.71192E-07	0.06433	5.34150E-06	0.00075
445172.99	3747785.77	14644.76731	0.00068	0.02054	2.65505E-07	0.05800	4.81590E-06	0.00068
445272.99	3747785.77	13413.41867	0.00062	0.02023	2.61498E-07	0.05243	4.35341E-06	0.00062
445372.99	3747785.77	12361.72794	0.00057	0.02002	2.58783E-07	0.04772	3.96233E-06	0.00057
445472.99	3747785.77	11489.65545	0.00053	0.01993	2.57620E-07	0.04391	3.64597E-06	0.00053
445572.99	3747785.77	10727.71707	0.00049	0.01984	2.56456E-07	0.04072	3.38110E-06	0.00050
444172.99	3747885.77	81437.16783	0.00376	0.03863	4.99340E-07	0.39920	3.31467E-05	0.00379
444272.99	3747885.77	59337.90119	0.00274	0.03495	4.51772E-07	0.28693	2.38246E-05	0.00276
444372.99	3747885.77	46447.28747	0.00214	0.03207	4.14544E-07	0.22063	1.83195E-05	0.00216
444472.99	3747885.77	36989.70964	0.00171	0.02955	3.81970E-07	0.17503	1.45332E-05	0.00172
444572.99	3747885.77	30332.67087	0.00140	0.02751	3.55601E-07	0.14200	1.17907E-05	0.00141
444672.99	3747885.77	26086.65635	0.00120	0.02616	3.38150E-07	0.11994	9.95896E-06	0.00121
444772.99	3747885.77	22854.24142	0.00105	0.02502	3.23414E-07	0.10281	8.53661E-06	0.00106
444872.99	3747885.77	20189.35878	0.00093	0.02402	3.10488E-07	0.08912	7.39989E-06	0.00094
444972.99	3747885.77	18048.34375	0.00083	0.02326	3.00664E-07	0.07823	6.49566E-06	0.00084
445072.99	3747885.77	16308.31687	0.00075	0.02275	2.94072E-07	0.06914	5.74089E-06	0.00076
445172.99	3747885.77	14953.75264	0.00069	0.02253	2.91228E-07	0.06184	5.13475E-06	0.00070
445272.99	3747885.77	13770.49896	0.00064	0.02239	2.89418E-07	0.05570	4.62493E-06	0.00064

445372.99	3747885.77	12721.8992	0.00059	0.02222	2.87221E-07	0.05065	4.20561E-06	0.00059
445472.99	3747885.77	11765.53487	0.00054	0.02194	2.83602E-07	0.04643	3.85521E-06	0.00055
445572.99	3747885.77	10945.96967	0.00051	0.02160	2.79207E-07	0.04293	3.56460E-06	0.00051
444172.99	3747985.77	55924.70375	0.00258	0.04201	5.43031E-07	0.41060	3.40933E-05	0.00261
444272.99	3747985.77	44570.01751	0.00206	0.03701	4.78400E-07	0.30811	2.55832E-05	0.00208
444372.99	3747985.77	36556.50175	0.00169	0.03347	4.32641E-07	0.23882	1.98299E-05	0.00171
444472.99	3747985.77	31221.96335	0.00144	0.03110	4.02006E-07	0.19035	1.58053E-05	0.00146
444572.99	3747985.77	27353.58079	0.00126	0.02935	3.79385E-07	0.15688	1.30262E-05	0.00128
444672.99	3747985.77	24305.96107	0.00112	0.02799	3.61805E-07	0.13180	1.09437E-05	0.00113
444772.99	3747985.77	21797.59552	0.00101	0.02696	3.48491E-07	0.11205	9.30383E-06	0.00102
444872.99	3747985.77	19733.36497	0.00091	0.02625	3.39314E-07	0.09680	8.03758E-06	0.00092
444972.99	3747985.77	17930.37072	0.00083	0.02574	3.32721E-07	0.08421	6.99219E-06	0.00083
445072.99	3747985.77	16410.96302	0.00076	0.02542	3.28585E-07	0.07395	6.14028E-06	0.00076
445172.99	3747985.77	15047.66968	0.00069	0.02509	3.24319E-07	0.06553	5.44114E-06	0.00070
445272.99	3747985.77	13898.35718	0.00064	0.02478	3.20312E-07	0.05897	4.89645E-06	0.00065
445372.99	3747985.77	12830.42342	0.00059	0.02430	3.14107E-07	0.05352	4.44392E-06	0.00060
445472.99	3747985.77	11857.42183	0.00055	0.02365	3.05705E-07	0.04895	4.06446E-06	0.00055
445572.99	3747985.77	11013.81169	0.00051	0.02294	2.96528E-07	0.04509	3.74395E-06	0.00051
444172.99	3748085.77	45041.87826	0.00208	0.04402	5.69013E-07	0.46067	3.82507E-05	0.00212
444272.99	3748085.77	37004.70077	0.00171	0.03887	5.02443E-07	0.33691	2.79746E-05	0.00174
444372.99	3748085.77	31941.52526	0.00147	0.03573	4.61854E-07	0.26059	2.16375E-05	0.00150
444472.99	3748085.77	28341.75911	0.00131	0.03360	4.34321E-07	0.20921	1.73713E-05	0.00133
444572.99	3748085.77	25458.89558	0.00117	0.03201	4.13769E-07	0.17218	1.42966E-05	0.00119
444672.99	3748085.77	23101.86145	0.00107	0.03087	3.99033E-07	0.14362	1.19252E-05	0.00108
444772.99	3748085.77	21134.25756	0.00098	0.03012	3.89338E-07	0.12165	1.01009E-05	0.00099
444872.99	3748085.77	19388.51953	0.00089	0.02957	3.82229E-07	0.10434	8.66365E-06	0.00090
444972.99	3748085.77	17745.66252	0.00082	0.02899	3.74731E-07	0.08995	7.46880E-06	0.00083
445072.99	3748085.77	16276.24095	0.00075	0.02836	3.66588E-07	0.07846	6.51476E-06	0.00076
445172.99	3748085.77	14966.60006	0.00069	0.02764	3.57281E-07	0.06946	5.76746E-06	0.00070
445272.99	3748085.77	13799.50755	0.00064	0.02681	3.46552E-07	0.06231	5.17378E-06	0.00064
445372.99	3748085.77	12768.65175	0.00059	0.02588	3.34531E-07	0.05644	4.68637E-06	0.00059
445472.99	3748085.77	11830.46625	0.00055	0.02486	3.21346E-07	0.05147	4.27370E-06	0.00055
445572.99	3748085.77	10999.6492	0.00051	0.02383	3.08032E-07	0.04727	3.92496E-06	0.00051
444172.99	3748185.77	50920.13637	0.00235	0.04679	6.04818E-07	0.60565	5.02888E-05	0.00240
444272.99	3748185.77	38987.21876	0.00180	0.04240	5.48072E-07	0.40770	3.38525E-05	0.00183
444372.99	3748185.77	32494.50956	0.00150	0.03952	5.10845E-07	0.30168	2.50493E-05	0.00152
444472.99	3748185.77	28360.29373	0.00131	0.03761	4.86156E-07	0.23633	1.96231E-05	0.00133
444572.99	3748185.77	25371.50887	0.00117	0.03625	4.68576E-07	0.19159	1.59083E-05	0.00119
444672.99	3748185.77	22943.4887	0.00106	0.03515	4.54357E-07	0.15744	1.30727E-05	0.00107
444772.99	3748185.77	20853.90884	0.00096	0.03416	4.41560E-07	0.13147	1.09163E-05	0.00097
444872.99	3748185.77	19154.18036	0.00088	0.03334	4.30961E-07	0.11188	9.28971E-06	0.00089
444972.99	3748185.77	17486.33231	0.00081	0.03219	4.16095E-07	0.09567	7.94375E-06	0.00082
445072.99	3748185.77	16027.81473	0.00074	0.03094	3.99938E-07	0.08323	6.91082E-06	0.00075
445172.99	3748185.77	14743.66503	0.00068	0.02963	3.83004E-07	0.07356	6.10790E-06	0.00069
445272.99	3748185.77	13622.3325	0.00063	0.02830	3.65812E-07	0.06580	5.46356E-06	0.00063
445372.99	3748185.77	12627.61543	0.00058	0.02698	3.48750E-07	0.05937	4.92966E-06	0.00059
445472.99	3748185.77	11744.9643	0.00054	0.02572	3.32463E-07	0.05401	4.48460E-06	0.00055
445572.99	3748185.77	10961.01614	0.00051	0.02454	3.17210E-07	0.04953	4.11262E-06	0.00051
444172.99	3748285.77	67202.20138	0.00310	0.05242	6.77593E-07	0.98862	8.20879E-05	0.00318
444272.99	3748285.77	47708.39436	0.00220	0.04861	6.28344E-07	0.56263	4.67168E-05	0.00225
444372.99	3748285.77	37500.44488	0.00173	0.04597	5.94219E-07	0.38356	3.18481E-05	0.00176
444472.99	3748285.77	31124.53737	0.00144	0.04379	5.66040E-07	0.28349	2.35390E-05	0.00146
444572.99	3748285.77	26822.28595	0.00124	0.04200	5.42902E-07	0.22057	1.83146E-05	0.00126
444672.99	3748285.77	23586.41494	0.00109	0.04026	5.20410E-07	0.17608	1.46204E-05	0.00110
444772.99	3748285.77	21113.89181	0.00097	0.03860	4.98953E-07	0.14436	1.19866E-05	0.00099
444872.99	3748285.77	19002.77991	0.00088	0.03672	4.74651E-07	0.12005	9.96809E-06	0.00089
444972.99	3748285.77	17241.17142	0.00080	0.03479	4.49704E-07	0.10194	8.46437E-06	0.00080
445072.99	3748285.77	15787.68747	0.00073	0.03294	4.25790E-07	0.08842	7.34176E-06	0.00074
445172.99	3748285.77	14517.91722	0.00067	0.03112	4.02264E-07	0.07778	6.45829E-06	0.00068

445272.99	3748285.77	13447.1325	0.00062	0.02948	3.81065E-07	0.06932	5.75584E-06	0.00063
445372.99	3748285.77	12497.19826	0.00058	0.02795	3.61288E-07	0.06240	5.18125E-06	0.00058
445472.99	3748285.77	11647.68398	0.00054	0.02656	3.43321E-07	0.05666	4.70464E-06	0.00054
445572.99	3748285.77	10900.89601	0.00050	0.02530	3.27034E-07	0.05178	4.29944E-06	0.00051
444172.99	3748385.77	88971.92844	0.00410	0.06248	8.07631E-07	2.70863	2.24905E-04	0.00433
444272.99	3748385.77	58402.09054	0.00269	0.05785	7.47783E-07	0.93435	7.75817E-05	0.00277
444372.99	3748385.77	43361.35133	0.00200	0.05419	7.00473E-07	0.53232	4.42000E-05	0.00205
444472.99	3748385.77	34494.1625	0.00159	0.05107	6.60143E-07	0.35952	2.98520E-05	0.00162
444572.99	3748385.77	28519.22312	0.00132	0.04800	6.20459E-07	0.26123	2.16907E-05	0.00134
444672.99	3748385.77	24425.29614	0.00113	0.04514	5.83490E-07	0.20011	1.66157E-05	0.00114
444772.99	3748385.77	21458.2797	0.00099	0.04235	5.47426E-07	0.15894	1.31972E-05	0.00100
444872.99	3748385.77	19093.05763	0.00088	0.03959	5.11750E-07	0.13002	1.07959E-05	0.00089
444972.99	3748385.77	17116.0284	0.00079	0.03688	4.76719E-07	0.10910	9.05888E-06	0.00080
445072.99	3748385.77	15650.32844	0.00072	0.03459	4.47118E-07	0.09406	7.81007E-06	0.00073
445172.99	3748385.77	14355.38164	0.00066	0.03245	4.19456E-07	0.08225	6.82945E-06	0.00067
445272.99	3748385.77	13289.49325	0.00061	0.03060	3.95543E-07	0.07301	6.06223E-06	0.00062
445372.99	3748385.77	12365.95918	0.00057	0.02896	3.74344E-07	0.06545	5.43450E-06	0.00058
445472.99	3748385.77	11571.5457	0.00053	0.02752	3.55730E-07	0.05909	4.90641E-06	0.00054
445572.99	3748385.77	10825.19526	0.00050	0.02613	3.37762E-07	0.05365	4.45471E-06	0.00050
444172.99	3748485.77	89685.51685	0.00414	0.07524	9.72570E-07	5.06212	4.20322E-04	0.00456
444272.99	3748485.77	62133.63553	0.00287	0.06870	8.88032E-07	2.14399	1.78022E-04	0.00305
444372.99	3748485.77	46583.3218	0.00215	0.06349	8.20687E-07	0.83445	6.92867E-05	0.00222
444472.99	3748485.77	36530.82707	0.00169	0.05844	7.55409E-07	0.48158	3.99870E-05	0.00173
444572.99	3748485.77	29821.32815	0.00138	0.05371	6.94268E-07	0.32045	2.66079E-05	0.00140
444672.99	3748485.77	25128.54728	0.00116	0.04936	6.38039E-07	0.23094	1.91756E-05	0.00118
444772.99	3748485.77	21713.03776	0.00100	0.04543	5.87239E-07	0.17660	1.46636E-05	0.00102
444872.99	3748485.77	19210.106	0.00089	0.04206	5.43677E-07	0.14200	1.17907E-05	0.00090
444972.99	3748485.77	17183.45004	0.00079	0.03897	5.03735E-07	0.11790	9.78957E-06	0.00080
445072.99	3748485.77	15518.91931	0.00072	0.03620	4.67930E-07	0.10022	8.32155E-06	0.00072
445172.99	3748485.77	14238.49138	0.00066	0.03394	4.38716E-07	0.08706	7.22884E-06	0.00066
445272.99	3748485.77	13125.00088	0.00061	0.03188	4.12088E-07	0.07651	6.35284E-06	0.00061
445372.99	3748485.77	12220.60258	0.00056	0.03017	3.89984E-07	0.06798	5.64457E-06	0.00057
445472.99	3748485.77	11400.74121	0.00053	0.02856	3.69173E-07	0.06088	5.05504E-06	0.00053
445572.99	3748485.77	10683.87176	0.00049	0.02714	3.50818E-07	0.05492	4.56016E-06	0.00050
443047.86	3748855.7	210012.8747	0.00969	1.16706	1.50857E-05	0.03895	3.23413E-06	0.00971
443030.11	3748868.74	202622.1856	0.00935	0.99029	1.28007E-05	0.03798	3.15359E-06	0.00936
443016.91	3748884.58	220213.9166	0.01016	0.88024	1.13782E-05	0.03706	3.07720E-06	0.01017
442999.31	3748898.66	211000.3739	0.00973	0.76221	9.85250E-06	0.03613	2.99998E-06	0.00975
442983.47	3748918.02	220427.9238	0.01017	0.67038	8.66549E-06	0.03512	2.91611E-06	0.01018
442962.35	3748934.74	202222.5618	0.00933	0.57481	7.43013E-06	0.03412	2.83308E-06	0.00934
442947.39	3748948.82	192719.6938	0.00889	0.51727	6.68635E-06	0.03340	2.77330E-06	0.00890
442935.07	3748963.78	192203.6578	0.00887	0.47339	6.11915E-06	0.03274	2.71849E-06	0.00888
442916.59	3748985.78	194353.7418	0.00897	0.41469	5.36038E-06	0.03171	2.63297E-06	0.00897
442898.98	3749001.62	177140.4776	0.00817	0.36979	4.77999E-06	0.03093	2.56821E-06	0.00818
442881.38	3749017.46	155340.8234	0.00717	0.33228	4.29513E-06	0.03026	2.51257E-06	0.00717
442868.18	3749033.31	142109.9448	0.00656	0.30498	3.94224E-06	0.02966	2.46275E-06	0.00656
442854.1	3749046.51	120139.2036	0.00554	0.28105	3.63292E-06	0.02915	2.42041E-06	0.00555
442832.98	3749062.35	86466.1982	0.00399	0.25129	3.24823E-06	0.02848	2.36478E-06	0.00399
442816.26	3749081.71	65380.88559	0.00302	0.22807	2.94809E-06	0.02783	2.31080E-06	0.00302
442801.3	3749094.91	51695.4329	0.00239	0.21126	2.73080E-06	0.02734	2.27012E-06	0.00239
442780.18	3749111.63	39318.28796	0.00181	0.19090	2.46762E-06	0.02669	2.21615E-06	0.00182
442764.34	3749127.47	32709.28705	0.00151	0.17669	2.28394E-06	0.02619	2.17463E-06	0.00151
442750.26	3749130.11	29688.05431	0.00137	0.16864	2.17988E-06	0.02597	2.15636E-06	0.00137
442722.1	3749138.03	24768.17223	0.00114	0.15355	1.98482E-06	0.02549	2.11651E-06	0.00115
442705.38	3749146.83	22404.14596	0.00103	0.14457	1.86875E-06	0.02511	2.08495E-06	0.00104
442678.1	3749144.19	20231.02573	0.00093	0.13481	1.74259E-06	0.02478	2.05755E-06	0.00094
442659.62	3749147.71	18786.18742	0.00087	0.12784	1.65249E-06	0.02448	2.03264E-06	0.00087
442638.49	3749145.07	17606.57505	0.00081	0.12161	1.57196E-06	0.02423	2.01189E-06	0.00082
442662.26	3749101.07	20772.64481	0.00096	0.13666	1.76650E-06	0.02523	2.09492E-06	0.00096

442694.82	3749095.79	24087.61576	0.00111	0.15076	1.94876E-06	0.02579	2.14142E-06	0.00112
442709.78	3749094.03	25988.60316	0.00120	0.15790	2.04105E-06	0.02604	2.16217E-06	0.00120
442730.02	3749086.99	29427.25996	0.00136	0.16957	2.19190E-06	0.02647	2.19788E-06	0.00136
442752.02	3749068.51	34986.54241	0.00161	0.18672	2.41359E-06	0.02715	2.25434E-06	0.00162
442796.9	3749035.95	51002.74456	0.00235	0.22883	2.95791E-06	0.02854	2.36976E-06	0.00236
442817.14	3749007.78	57950.67101	0.00267	0.25664	3.31739E-06	0.02949	2.44864E-06	0.00268
442845.3	3748987.54	71715.26817	0.00331	0.29572	3.82255E-06	0.03044	2.52752E-06	0.00332
442865.54	3748973.46	82989.47291	0.00383	0.32894	4.25196E-06	0.03113	2.58481E-06	0.00384
442840.9	3748956.74	60505.14351	0.00279	0.29743	3.84465E-06	0.03105	2.57817E-06	0.00280
442888.42	3748944.42	86702.41897	0.00400	0.37644	4.86595E-06	0.03234	2.68528E-06	0.00401
442871.7	3748932.1	69369.71374	0.00320	0.34792	4.49730E-06	0.03230	2.68196E-06	0.00321
442872.58	3748910.98	63308.89916	0.00292	0.35178	4.54719E-06	0.03282	2.72514E-06	0.00293
442880.5	3748896.9	62905.42944	0.00290	0.36682	4.74160E-06	0.03335	2.76915E-06	0.00291
442906.02	3748895.14	75267.11039	0.00347	0.42037	5.43380E-06	0.03399	2.82229E-06	0.00348
442925.39	3748905.7	93494.90827	0.00431	0.46767	6.04521E-06	0.03421	2.84055E-06	0.00432
442928.03	3748871.38	76464.68309	0.00353	0.47456	6.13427E-06	0.03520	2.92276E-06	0.00354
442942.99	3748881.94	92304.92789	0.00426	0.52148	6.74077E-06	0.03529	2.93023E-06	0.00427
442959.71	3748871.38	98151.40109	0.00453	0.58004	7.49773E-06	0.03602	2.99084E-06	0.00454
442923.63	3748842.34	62944.78799	0.00290	0.45462	5.87652E-06	0.03590	2.98088E-06	0.00291
442937.71	3748821.22	60657.23003	0.00280	0.48229	6.23419E-06	0.03692	3.06557E-06	0.00281
442971.15	3748822.98	74911.66051	0.00346	0.60302	7.79478E-06	0.03781	3.13947E-06	0.00347
442986.11	3748841.46	95832.1247	0.00442	0.68802	8.89351E-06	0.03763	3.12453E-06	0.00443
442985.23	3748812.42	75851.49547	0.00350	0.65520	8.46927E-06	0.03857	3.20258E-06	0.00351
443001.95	3748822.1	90383.00519	0.00417	0.75575	9.76900E-06	0.03878	3.22001E-06	0.00418
443063.55	3748836.18	185637.3896	0.00856	1.36712	1.76717E-05	0.04016	3.33460E-06	0.00859
443064.43	3748815.06	138633.1395	0.00640	1.34855	1.74317E-05	0.04095	3.40019E-06	0.00642
443051.23	3748791.3	99745.47349	0.00460	1.11035	1.43526E-05	0.04124	3.42427E-06	0.00462
443003.71	3748799.22	76578.1778	0.00353	0.73147	9.45515E-06	0.03961	3.28893E-06	0.00355
442974.67	3748795.7	63979.92921	0.00295	0.58480	7.55926E-06	0.03881	3.22250E-06	0.00296
443038.91	3748779.86	83682.53834	0.00386	0.94633	1.22325E-05	0.04126	3.42593E-06	0.00388
443027.47	3748759.61	68011.07879	0.00314	0.78572	1.01564E-05	0.04165	3.45832E-06	0.00315
443023.95	3748743.77	61456.1562	0.00284	0.71380	9.22675E-06	0.04207	3.49319E-06	0.00285
443008.99	3748724.41	52834.20768	0.00244	0.58681	7.58524E-06	0.04223	3.50648E-06	0.00245
443008.99	3748702.41	48812.67458	0.00225	0.53777	6.95134E-06	0.04294	3.56543E-06	0.00226
443097.87	3748795.7	144509.399	0.00667	1.95322	2.52478E-05	0.04273	3.54799E-06	0.00670
443090.83	3748778.98	112513.4431	0.00519	1.64624	2.12797E-05	0.04303	3.57290E-06	0.00522
443071.47	3748764.01	89735.28573	0.00414	1.22125	1.57862E-05	0.04280	3.55381E-06	0.00416
443064.43	3748742.01	75079.60815	0.00346	1.01173	1.30779E-05	0.04326	3.59200E-06	0.00348
443051.23	3748723.53	64913.31441	0.00299	0.82158	1.06199E-05	0.04336	3.60030E-06	0.00301
443042.43	3748707.69	58084.14359	0.00268	0.70747	9.14492E-06	0.04365	3.62438E-06	0.00269
443042.43	3748691.85	54575.3697	0.00252	0.65272	8.43721E-06	0.04419	3.66922E-06	0.00253
443141.87	3748742.01	92508.44877	0.00427	2.29450	2.96592E-05	0.04659	3.86850E-06	0.00430
443121.63	3748726.17	79821.55011	0.00368	1.53496	1.98413E-05	0.04631	3.84525E-06	0.00371
443107.55	3748705.05	69228.67506	0.00319	1.11935	1.44690E-05	0.04645	3.85688E-06	0.00321
443088.19	3748676.01	58785.20774	0.00271	0.78875	1.01956E-05	0.04662	3.87099E-06	0.00273
443145.39	3748708.57	76310.63869	0.00352	1.53184	1.98009E-05	0.04817	3.99969E-06	0.00354
443176.19	3748679.53	72940.98443	0.00337	1.23576	1.59737E-05	0.05108	4.24132E-06	0.00339
443103.15	3748670.73	59844.50534	0.00276	0.82510	1.06654E-05	0.04755	3.94821E-06	0.00278
443230.76	3748790.42	130882.1845	0.00604	18.60532	2.40497E-04	0.04933	4.09601E-06	0.00628
443242.2	3748767.54	114843.5176	0.00530	6.59912	8.53018E-05	0.05107	4.24049E-06	0.00539
443255.4	3748742.89	106729.7963	0.00492	3.31496	4.28499E-05	0.05299	4.39991E-06	0.00497
443265.08	3748712.97	101194.9204	0.00467	1.91868	2.48013E-05	0.05509	4.57428E-06	0.00470
443278.28	3748687.45	103454.928	0.00477	1.34529	1.73895E-05	0.05722	4.75114E-06	0.00480
443297.64	3748659.29	115486.7744	0.00533	0.95696	1.23699E-05	0.06029	5.00605E-06	0.00535
443306.44	3748793.94	176747.1812	0.00815	5.89623	7.62160E-05	0.05284	4.38745E-06	0.00824
443339.88	3748786.02	218855.1373	0.01010	3.56274	4.60528E-05	0.05536	4.59670E-06	0.01015
443371.56	3748768.42	254359.1701	0.01174	2.13893	2.76483E-05	0.05886	4.88731E-06	0.01177
443392.68	3748756.97	283191.5399	0.01307	1.62568	2.10139E-05	0.06126	5.08659E-06	0.01309
443418.2	3748739.37	305319.471	0.01409	1.17862	1.52351E-05	0.06463	5.36641E-06	0.01411

443444.6	3748724.41	331339.4108	0.01529	0.91862	1.18743E-05	0.06799	5.64540E-06	0.01530
443471.89	3748711.21	352629.5049	0.01627	0.73086	9.44727E-06	0.07205	5.98252E-06	0.01628
443496.53	3748694.49	350021.8916	0.01615	0.59044	7.63217E-06	0.07635	6.33956E-06	0.01616
443525.57	3748681.29	373050.6798	0.01721	0.49316	6.37470E-06	0.08106	6.73064E-06	0.01722
443548.45	3748668.09	358960.5146	0.01656	0.42023	5.43199E-06	0.08582	7.12588E-06	0.01657
443583.65	3748651.37	400462.1822	0.01848	0.34539	4.46459E-06	0.09328	7.74530E-06	0.01849
443383	3748960.26	133538.0916	0.00616	5.96445	7.70979E-05	0.04935	4.09767E-06	0.00624
443380.36	3748936.5	162270.5185	0.00749	5.89136	7.61531E-05	0.05043	4.18735E-06	0.00757
443370.68	3748910.1	240582.1946	0.01110	6.18113	7.98987E-05	0.05127	4.25709E-06	0.01118
443386.52	3748896.02	322411.9068	0.01487	4.83508	6.24994E-05	0.05297	4.39825E-06	0.01494
443423.48	3748874.9	363290.0509	0.01676	2.97689	3.84800E-05	0.05666	4.70464E-06	0.01680
443448.13	3748859.94	361474.4992	0.01668	2.21746	2.86634E-05	0.05943	4.93464E-06	0.01671
443465.73	3748849.38	354929.9898	0.01638	1.82300	2.35645E-05	0.06153	5.10901E-06	0.01640
443497.41	3748829.14	347474.2568	0.01603	1.30052	1.68108E-05	0.06580	5.46356E-06	0.01605
443513.25	3748820.34	340577.5219	0.01571	1.11900	1.44645E-05	0.06803	5.64872E-06	0.01573
443539.65	3748809.78	331234.3433	0.01528	0.91433	1.18188E-05	0.07150	5.93685E-06	0.01530
443559.89	3748803.62	323858.7384	0.01494	0.80175	1.03636E-05	0.07415	6.15688E-06	0.01496
443581.89	3748796.58	322121.9668	0.01486	0.69818	9.02484E-06	0.07732	6.42010E-06	0.01488
443602.13	3748793.06	309344.0996	0.01427	0.62524	8.08200E-06	0.08023	6.66172E-06	0.01429
443624.13	3748791.3	291487.2123	0.01345	0.56369	7.28639E-06	0.08339	6.92411E-06	0.01346
443642.61	3748786.9	297983.1885	0.01375	0.51578	6.66709E-06	0.08641	7.17487E-06	0.01376
443661.09	3748783.38	296862.9946	0.01370	0.47409	6.12820E-06	0.08960	7.43974E-06	0.01371
443683.97	3748786.02	260171.5022	0.01200	0.43928	5.67824E-06	0.09310	7.73036E-06	0.01202
443535.25	3748597.69	405540.8033	0.01871	0.30735	3.97288E-06	0.09326	7.74364E-06	0.01872
443511.49	3748617.05	378274.7669	0.01745	0.36228	4.68292E-06	0.08701	7.22469E-06	0.01746
443491.25	3748637.29	353207.8124	0.01630	0.42749	5.52584E-06	0.08190	6.80039E-06	0.01631
443468.37	3748647.85	375088.9332	0.01731	0.49445	6.39138E-06	0.07778	6.45829E-06	0.01732
443441.08	3748674.25	298445.2561	0.01377	0.63096	8.15594E-06	0.07252	6.02154E-06	0.01378
443414.68	3748689.21	265378.8818	0.01224	0.78643	1.01656E-05	0.06850	5.68775E-06	0.01226
443389.16	3748705.93	212270.8218	0.00979	1.01202	1.30816E-05	0.06472	5.37389E-06	0.00981
443307.32	3748632.01	122183.1853	0.00564	0.73870	9.54861E-06	0.06289	5.22193E-06	0.00565
443322.28	3748600.33	127391.4149	0.00588	0.57308	7.40777E-06	0.06657	5.52750E-06	0.00589
443336.36	3748572.17	129774.9112	0.00599	0.46485	6.00876E-06	0.07031	5.83804E-06	0.00600
443355.72	3748617.05	213655.3247	0.00986	0.60380	7.80486E-06	0.06799	5.64540E-06	0.00987
443377.72	3748583.61	244593.9398	0.01128	0.47082	6.08593E-06	0.07286	6.04977E-06	0.01130
443387.4	3748555.45	224604.3893	0.01036	0.40157	5.19079E-06	0.07670	6.36862E-06	0.01037
443399.72	3748531.69	244972.8528	0.01130	0.35276	4.55986E-06	0.08038	6.67418E-06	0.01131
443409.4	3748510.57	274026.1709	0.01264	0.31619	4.08715E-06	0.08379	6.95732E-06	0.01265
443339.88	3748550.17	123263.4873	0.00569	0.40894	5.28605E-06	0.07252	6.02154E-06	0.00570
443358.36	3748517.61	126440.3269	0.00583	0.33399	4.31723E-06	0.07783	6.46245E-06	0.00584
443360.12	3748489.44	120131.7484	0.00554	0.29734	3.84349E-06	0.08068	6.69909E-06	0.00555
443372.44	3748464.8	126718.464	0.00585	0.27139	3.50805E-06	0.08451	7.01710E-06	0.00586
443394.44	3748441.04	127907.8979	0.00590	0.23966	3.09790E-06	0.09104	7.55931E-06	0.00591
443497.41	3748439.28	353276.6159	0.01630	0.21416	2.76828E-06	0.10909	9.05805E-06	0.01631
443522.05	3748422.56	264411.2593	0.01220	0.19356	2.50200E-06	0.11899	9.88008E-06	0.01221
443541.41	3748404.08	218742.6918	0.01009	0.17629	2.27877E-06	0.12900	1.07112E-05	0.01010
443557.25	3748392.64	199557.137	0.00921	0.16445	2.12572E-06	0.13736	1.14054E-05	0.00922
443580.13	3748376.8	194395.3589	0.00897	0.15282	1.97539E-06	0.14988	1.24450E-05	0.00898
443602.13	3748365.36	197044.8026	0.00909	0.14348	1.85466E-06	0.16263	1.35036E-05	0.00911
443623.25	3748346	187984.3226	0.00867	0.13391	1.73095E-06	0.18017	1.49600E-05	0.00869
443653.17	3748335.44	216495.8984	0.00999	0.12619	1.63116E-06	0.20126	1.67112E-05	0.01001
443671.65	3748321.36	212457.187	0.00980	0.11948	1.54443E-06	0.22207	1.84391E-05	0.00982
443508.85	3748368.88	128953.6368	0.00595	0.16704	2.15920E-06	0.12895	1.07071E-05	0.00596
443479.81	3748380.32	128402.5187	0.00592	0.18019	2.32918E-06	0.11823	9.81697E-06	0.00594
443526.45	3748355.68	123579.4457	0.00570	0.15704	2.02994E-06	0.13799	1.14577E-05	0.00571
443548.45	3748339.84	119664.9572	0.00552	0.14651	1.89382E-06	0.15056	1.25014E-05	0.00554
443571.33	3748324	119197.4498	0.00550	0.13798	1.78356E-06	0.16529	1.37245E-05	0.00551
443590.69	3748310.8	117525.8448	0.00542	0.13064	1.68868E-06	0.18006	1.49509E-05	0.00544
443612.69	3748296.72	114473.0413	0.00528	0.12227	1.58049E-06	0.19979	1.65891E-05	0.00530

443636.45	3748282.64	114501.4989	0.00528	0.11520	1.48910E-06	0.22442	1.86342E-05	0.00530
443654.93	3748265.92	108413.3303	0.00500	0.10826	1.39939E-06	0.25278	2.09890E-05	0.00502
443672.53	3748246.56	100775.6636	0.00465	0.10162	1.31356E-06	0.28994	2.40745E-05	0.00467
443689.25	3748231.6	95613.01562	0.00441	0.09609	1.24208E-06	0.33041	2.74349E-05	0.00444
443706.85	3748215.75	91198.51138	0.00421	0.09111	1.17771E-06	0.38476	3.19477E-05	0.00424
443691.02	3748297.6	180994.3228	0.00835	0.11046	1.42783E-06	0.25717	2.13536E-05	0.00837
443707.74	3748282.64	162954.5199	0.00752	0.10320	1.33399E-06	0.29131	2.41883E-05	0.00754
443725.34	3748266.8	146672.4254	0.00677	0.09571	1.23717E-06	0.33591	2.78916E-05	0.00680
443741.18	3748257.12	143450.6011	0.00662	0.09082	1.17396E-06	0.37639	3.12527E-05	0.00665
443759.66	3748243.03	143769.7542	0.00663	0.08760	1.13234E-06	0.44484	3.69363E-05	0.00667
443773.74	3748221.03	124319.4596	0.00574	0.08257	1.06732E-06	0.54504	4.52562E-05	0.00578
443794.86	3748203.43	119731.5823	0.00552	0.07863	1.01639E-06	0.71810	5.96259E-05	0.00558
443813.34	3748185.83	114038.1324	0.00526	0.07565	9.77870E-07	1.00550	8.34895E-05	0.00535
443824.78	3748163.83	97942.50927	0.00452	0.07271	9.39866E-07	1.51251	1.25588E-04	0.00465
443842.38	3748150.63	93928.81141	0.00433	0.07049	9.11170E-07	2.68803	2.23195E-04	0.00456
443794.86	3748123.35	66863.12323	0.00308	0.07120	9.20348E-07	1.68129	1.39602E-04	0.00323
443808.06	3748106.63	63660.40179	0.00294	0.06927	8.95400E-07	3.08244	2.55944E-04	0.00319
443773.74	3748145.35	71632.66635	0.00330	0.07490	9.68175E-07	0.97415	8.08864E-05	0.00339
443762.3	3748169.11	80258.68697	0.00370	0.07859	1.01587E-06	0.71543	5.94042E-05	0.00376
443749.1	3748183.19	84442.02833	0.00390	0.08163	1.05517E-06	0.58754	4.87851E-05	0.00395
443724.46	3748197.27	85906.21693	0.00396	0.08641	1.11696E-06	0.46341	3.84782E-05	0.00400
443669.01	3748506.17	456278.4236	0.02105	0.16757	2.16605E-06	0.14126	1.17292E-05	0.02106
443691.02	3748531.69	421421.424	0.01944	0.16827	2.17510E-06	0.14170	1.17658E-05	0.01946
443709.5	3748544.89	408531.8123	0.01885	0.16773	2.16812E-06	0.14405	1.19609E-05	0.01886
443731.5	3748574.81	488479.0595	0.02254	0.17863	2.30901E-06	0.14217	1.18048E-05	0.02255
443760.54	3748588.01	492227.4151	0.02271	0.17756	2.29518E-06	0.14773	1.22664E-05	0.02272
443782.54	3748564.25	368499.4921	0.01700	0.15708	2.03045E-06	0.16425	1.36381E-05	0.01702
443807.18	3748539.61	319286.6409	0.01473	0.14048	1.81588E-06	0.18532	1.53876E-05	0.01475
443826.54	3748515.85	295794.0235	0.01365	0.12810	1.65585E-06	0.20785	1.72584E-05	0.01367
443852.94	3748491.21	291598.55	0.01345	0.11605	1.50009E-06	0.24221	2.01114E-05	0.01347
443863.5	3748470.09	277268.5411	0.01279	0.10896	1.40844E-06	0.26879	2.23184E-05	0.01282
443881.98	3748439.28	262953.8267	0.01213	0.09933	1.28396E-06	0.32376	2.68827E-05	0.01216
443881.1	3748410.24	241788.1868	0.01116	0.09414	1.21688E-06	0.36454	3.02688E-05	0.01119
443899.59	3748423.44	266522.7554	0.01230	0.09391	1.21390E-06	0.37503	3.11398E-05	0.01233
443891.66	3748384.72	235403.7434	0.01086	0.08859	1.14513E-06	0.43548	3.61591E-05	0.01090
443911.07	3748370.97	234941.6867	0.01084	0.08415	1.08774E-06	0.52822	4.38596E-05	0.01088
443929.51	3748345.54	235422.6524	0.01086	0.07917	1.02337E-06	0.71749	5.95752E-05	0.01092
443939.05	3748329.01	231931.1024	0.01070	0.07629	9.86142E-07	0.90372	7.50384E-05	0.01078
443954.95	3748309.93	224662.7903	0.01037	0.07269	9.39608E-07	1.34686	1.11834E-04	0.01048
443975.29	3748291.49	204705.4954	0.00944	0.06867	8.87644E-07	2.68357	2.22824E-04	0.00967
443932.69	3748260.34	287598.7256	0.01327	0.07062	9.12851E-07	2.00544	1.66517E-04	0.01344
443907.9	3748288.95	305443.0448	0.01409	0.07634	9.86789E-07	0.96108	7.98012E-05	0.01417
443892	3748306.75	297497.9152	0.01373	0.07984	1.03203E-06	0.71213	5.91302E-05	0.01379
443878.65	3748325.19	283314.3591	0.01307	0.08332	1.07701E-06	0.56682	4.70647E-05	0.01312
443864.66	3748341.09	277314.9959	0.01279	0.08690	1.12329E-06	0.47230	3.92164E-05	0.01283
443848.13	3748357.62	283187.1332	0.01307	0.09170	1.18534E-06	0.39491	3.27905E-05	0.01310
443829.69	3748376.69	283464.7409	0.01308	0.09708	1.25488E-06	0.33284	2.76366E-05	0.01311
443795.99	3748384.96	330485.0607	0.01525	0.10430	1.34821E-06	0.28063	2.33015E-05	0.01527
443774.37	3748402.76	337392.4264	0.01557	0.11110	1.43610E-06	0.24472	2.03198E-05	0.01559
443747.03	3748423.75	362819.9905	0.01674	0.12136	1.56873E-06	0.21012	1.74469E-05	0.01676
443723.5	3748442.19	373955.1071	0.01725	0.13046	1.68636E-06	0.18720	1.55437E-05	0.01727
443705.7	3748458.72	369782.5154	0.01706	0.13769	1.77981E-06	0.17199	1.42808E-05	0.01708
443678.36	3748482.88	427820.1458	0.01974	0.15520	2.00615E-06	0.15160	1.25878E-05	0.01975
443730.5	3748499.41	305459.9715	0.01409	0.14289	1.84703E-06	0.16694	1.38615E-05	0.01411
443747.03	3748481.61	284789.4186	0.01314	0.13315	1.72113E-06	0.18177	1.50929E-05	0.01316
443773.1	3748465.71	271642.7095	0.01253	0.12426	1.60621E-06	0.20301	1.68565E-05	0.01255
443753.39	3748477.79	281119.2025	0.01297	0.13094	1.69256E-06	0.18654	1.54889E-05	0.01299
443778.19	3748500.05	270269.4517	0.01247	0.13241	1.71156E-06	0.18874	1.56716E-05	0.01249
443792.17	3748480.97	261838.4611	0.01208	0.12460	1.61061E-06	0.20589	1.70956E-05	0.01210

443816.97	3748455.54	251020.7707	0.01158	0.11355	1.46777E-06	0.23930	1.98698E-05	0.01160
443801.08	3748442.82	261440.0038	0.01206	0.11384	1.47152E-06	0.23592	1.95891E-05	0.01208
443815.7	3748424.38	259012.8826	0.01195	0.10744	1.38879E-06	0.26322	2.18559E-05	0.01197
443834.14	3748437.73	246496.7145	0.01137	0.10672	1.37949E-06	0.26917	2.23499E-05	0.01140
443855.06	3748084.13	61799.66135	0.00285	0.06504	8.40722E-07	6.01320	4.99293E-04	0.00335
443836.57	3748062.13	56032.7779	0.00259	0.06437	8.32062E-07	5.79532	4.81202E-04	0.00307
443812.81	3748041	51684.6916	0.00238	0.06350	8.20816E-07	6.67524	5.54264E-04	0.00294
443769.68	3747996.11	45635.97821	0.00211	0.06030	7.79452E-07	6.98573	5.80045E-04	0.00269
443828.65	3748013.72	50659.10459	0.00234	0.06054	7.82554E-07	2.78547	2.31285E-04	0.00257
443816.33	3747989.95	48575.81104	0.00224	0.05803	7.50109E-07	2.39973	1.99256E-04	0.00244
443813.69	3747954.75	48915.81268	0.00226	0.05449	7.04350E-07	1.74138	1.44592E-04	0.00240
443764.4	3747961.79	44535.53706	0.00205	0.05701	7.36925E-07	3.65084	3.03140E-04	0.00236
443730.07	3747945.06	41823.34905	0.00193	0.05700	7.36795E-07	5.74477	4.77005E-04	0.00241
443706.31	3747923.06	40452.93799	0.00187	0.05690	7.35503E-07	6.68435	5.55021E-04	0.00242
443688.7	3747902.81	39174.00753	0.00181	0.05633	7.28135E-07	6.47949	5.38010E-04	0.00235
443664.94	3747880.81	36872.73387	0.00170	0.05537	7.15726E-07	7.20237	5.98033E-04	0.00230
443646.45	3747852.64	35241.6559	0.00163	0.05394	6.97241E-07	6.00744	4.98815E-04	0.00213
443619.17	3747824.48	33242.45766	0.00153	0.05294	6.84315E-07	6.20254	5.15014E-04	0.00205
443604.2	3747805.99	32506.68567	0.00150	0.05241	6.77464E-07	6.17267	5.12534E-04	0.00201
443618.29	3747776.95	33236.16689	0.00153	0.05016	6.48380E-07	3.76424	3.12556E-04	0.00185
443639.41	3747752.3	34331.70064	0.00158	0.04796	6.19942E-07	3.36329	2.79264E-04	0.00186
443670.22	3747725.02	36521.08788	0.00168	0.04555	5.88790E-07	2.98399	2.47769E-04	0.00193
443702.78	3747688.05	39812.2897	0.00184	0.04294	5.55052E-07	4.06299	3.37362E-04	0.00217
443684.3	3747671.33	37167.7708	0.00171	0.04259	5.50528E-07	5.08300	4.22056E-04	0.00214
443719.51	3747704.77	42664.42001	0.00197	0.04327	5.59318E-07	3.72080	3.08949E-04	0.00228
443730.07	3747724.14	45137.71607	0.00208	0.04398	5.68496E-07	3.08482	2.56141E-04	0.00234
443752.96	3747739.98	50657.38891	0.00234	0.04419	5.71210E-07	3.37538	2.80267E-04	0.00262
443766.16	3747760.22	55392.65205	0.00256	0.04511	5.83102E-07	3.03239	2.51788E-04	0.00281
443789.04	3747782.23	63467.92964	0.00293	0.04558	5.89178E-07	3.15003	2.61556E-04	0.00319
443802.25	3747798.07	69610.52997	0.00321	0.04615	5.96546E-07	3.07128	2.55017E-04	0.00347
443819.85	3747817.44	80861.22878	0.00373	0.04714	6.09343E-07	3.19504	2.65293E-04	0.00400
443838.33	3747832.4	95417.30965	0.00440	0.04773	6.16969E-07	3.61888	3.00486E-04	0.00470
443855.06	3747848.24	108077.3321	0.00499	0.04829	6.24208E-07	3.77117	3.13131E-04	0.00530
443868.26	3747867.61	107478.3622	0.00496	0.04896	6.32868E-07	3.23179	2.68345E-04	0.00523
443885.86	3747890.49	100963.6386	0.00466	0.04954	6.40366E-07	2.53092	2.10149E-04	0.00487
443905.23	3747909.86	96406.84229	0.00445	0.05010	6.47604E-07	1.75664	1.45859E-04	0.00459
443919.31	3747930.1	87632.65741	0.00404	0.05155	6.66347E-07	1.20510	1.00063E-04	0.00414
443942.2	3747945.94	93483.86671	0.00431	0.05380	6.95431E-07	0.95157	7.90116E-05	0.00439
443955.4	3747961.79	78874.55307	0.00364	0.05356	6.92329E-07	0.87148	7.23615E-05	0.00371
443984.44	3747930.1	131764.2959	0.00608	0.05010	6.47604E-07	0.90306	7.49836E-05	0.00615
443991.49	3747911.62	195341.5094	0.00901	0.04869	6.29378E-07	1.00199	8.31981E-05	0.00910
443994.13	3747889.61	301239.2755	0.01390	0.04774	6.17098E-07	1.12807	9.36668E-05	0.01399
444004.69	3747868.49	284421.8857	0.01312	0.04543	5.87239E-07	1.09530	9.09459E-05	0.01321
444006.45	3747849.12	309689.0566	0.01429	0.04448	5.74959E-07	1.05810	8.78570E-05	0.01438
444014.37	3747831.52	306032.0132	0.01412	0.04342	5.61257E-07	0.93711	7.78109E-05	0.01420
444017.01	3747807.75	333814.2396	0.01540	0.04266	5.51433E-07	0.84804	7.04152E-05	0.01547
444024.93	3747790.15	333127.0634	0.01537	0.04191	5.41738E-07	0.74949	6.22323E-05	0.01543
444036.38	3747768.15	325770.5392	0.01503	0.04092	5.28941E-07	0.63974	5.31194E-05	0.01508
444047.82	3747747.9	321250.3887	0.01482	0.03998	5.16791E-07	0.55370	4.59753E-05	0.01487
444058.38	3747728.54	318280.5976	0.01468	0.03899	5.03994E-07	0.48451	4.02302E-05	0.01472
444071.58	3747710.05	306678.1823	0.01415	0.03797	4.90809E-07	0.42185	3.50274E-05	0.01418
444086.55	3747695.97	282912.5283	0.01305	0.03707	4.79175E-07	0.37297	3.09688E-05	0.01308
444102.39	3747681.89	259155.2597	0.01196	0.03619	4.67800E-07	0.33058	2.74490E-05	0.01198
444114.71	3747666.93	248627.9297	0.01147	0.03551	4.59011E-07	0.29847	2.47828E-05	0.01150
444132.32	3747655.48	223984.1903	0.01033	0.03480	4.49833E-07	0.26901	2.23367E-05	0.01036
444112.95	3747621.16	296579.2566	0.01368	0.03418	4.41819E-07	0.25090	2.08329E-05	0.01370
443727.52	3747635.24	43376.31039	0.00200	0.04043	5.22608E-07	6.31366	5.24241E-04	0.00253
443741.61	3747647.56	46439.53042	0.00214	0.04062	5.25064E-07	5.92585	4.92040E-04	0.00264
443754.81	3747668.68	49387.0663	0.00228	0.04097	5.29588E-07	7.04947	5.85337E-04	0.00286

443769.77	3747684.53	53007.59256	0.00245	0.04104	5.30493E-07	6.76168	5.61441E-04	0.00301
443780.34	3747695.09	58000.46143	0.00268	0.04163	5.38119E-07	5.95544	4.94497E-04	0.00317
443797.06	3747714.46	66412.93594	0.00306	0.04244	5.48589E-07	5.92756	4.92182E-04	0.00356
443809.38	3747727.66	74321.9241	0.00343	0.04307	5.56733E-07	5.76002	4.78271E-04	0.00391
443823.47	3747745.26	86468.07186	0.00399	0.04403	5.69142E-07	5.97293	4.95949E-04	0.00449
443846.35	3747775.19	110938.7016	0.00512	0.04498	5.81422E-07	7.26984	6.03635E-04	0.00572
443860.44	3747786.63	133146.7479	0.00614	0.04517	5.83878E-07	6.62934	5.50453E-04	0.00669
443868.36	3747769.91	143596.4352	0.00662	0.04426	5.72115E-07	3.78965	3.14665E-04	0.00694
443879.8	3747749.66	156618.4513	0.00723	0.04304	5.56345E-07	2.30912	1.91733E-04	0.00742
443887.72	3747723.26	157150.1708	0.00725	0.04147	5.36051E-07	1.58687	1.31762E-04	0.00738
443892.12	3747702.13	152859.4486	0.00705	0.04014	5.18859E-07	1.26552	1.05080E-04	0.00716
443895.64	3747682.77	145153.2997	0.00670	0.03867	4.99857E-07	1.03668	8.60785E-05	0.00678
443893	3747660.76	133927.3574	0.00618	0.03768	4.87060E-07	0.88406	7.34060E-05	0.00625
443893.88	3747640.52	132372.2907	0.00611	0.03695	4.77624E-07	0.74881	6.21758E-05	0.00617
443897.41	3747621.15	135615.1023	0.00626	0.03625	4.68576E-07	0.62783	5.21305E-05	0.00631
443900.05	3747604.43	137993.9268	0.00637	0.03567	4.61079E-07	0.54178	4.49855E-05	0.00641
443899.17	3747585.94	134182.7558	0.00619	0.03510	4.53711E-07	0.47008	3.90321E-05	0.00623
443901.81	3747563.94	136289.9025	0.00629	0.03445	4.45309E-07	0.39441	3.27490E-05	0.00632
443901.81	3747546.33	134571.5707	0.00621	0.03400	4.39492E-07	0.34870	2.89535E-05	0.00624
443904.45	3747526.97	137485.8622	0.00634	0.03353	4.33417E-07	0.30577	2.53889E-05	0.00637
443903.57	3747507.6	133394.9761	0.00615	0.03307	4.27471E-07	0.27209	2.25924E-05	0.00618
443901.81	3747487.36	127174.1352	0.00587	0.03258	4.21137E-07	0.24264	2.01471E-05	0.00589
443905.33	3747466.23	129276.3411	0.00596	0.03202	4.13898E-07	0.21521	1.78695E-05	0.00598
443904.45	3747445.99	120244.3566	0.00555	0.03124	4.03816E-07	0.18890	1.56849E-05	0.00556
443903.57	3747429.26	114924.3563	0.00530	0.03078	3.97869E-07	0.17221	1.42991E-05	0.00532
443904.45	3747407.26	113101.66	0.00522	0.03028	3.91406E-07	0.15612	1.29631E-05	0.00523
443903.57	3747388.77	109692.9648	0.00506	0.02991	3.86624E-07	0.14457	1.20041E-05	0.00507
443900.93	3747365.01	104609.1226	0.00483	0.02949	3.81195E-07	0.13203	1.09628E-05	0.00484
443894.76	3747341.24	96282.87578	0.00444	0.02916	3.76929E-07	0.12141	1.00810E-05	0.00445
443891.24	3747320.99	91690.81929	0.00423	0.02885	3.72922E-07	0.11276	9.36278E-06	0.00424
443886.84	3747302.51	86317.79193	0.00398	0.02860	3.69690E-07	0.10563	8.77076E-06	0.00399
443883.32	3747278.74	81701.79594	0.00377	0.02824	3.65037E-07	0.09732	8.08076E-06	0.00378
443882.44	3747257.62	79547.63147	0.00367	0.02790	3.60642E-07	0.09077	7.53689E-06	0.00368
443875.4	3747240.89	70741.01891	0.00326	0.02774	3.58574E-07	0.08688	7.21389E-06	0.00327
443862.2	3747223.29	57423.34717	0.00265	0.02761	3.56893E-07	0.08306	6.89671E-06	0.00266
443848.99	3747203.92	46695.88903	0.00215	0.02740	3.54179E-07	0.07875	6.53884E-06	0.00216
443875.4	3747192.48	56044.32292	0.00259	0.02697	3.48621E-07	0.07639	6.34288E-06	0.00259
443893.88	3747174	57616.63347	0.00266	0.02648	3.42287E-07	0.07313	6.07219E-06	0.00266
443900.93	3747150.23	48007.28715	0.00221	0.02608	3.37116E-07	0.06973	5.78988E-06	0.00222
443879.8	3747124.7	35654.70025	0.00164	0.02587	3.34402E-07	0.06557	5.44446E-06	0.00165
443859.56	3747118.54	31640.12558	0.00146	0.02586	3.34272E-07	0.06390	5.30580E-06	0.00147
443821.71	3747120.3	27800.35351	0.00128	0.02597	3.35694E-07	0.06400	5.31410E-06	0.00129
444137.71	3747581.54	244110.9557	0.01126	0.03278	4.23722E-07	0.20115	1.67021E-05	0.01128
444132.43	3747563.06	250396.4687	0.01155	0.03232	4.17776E-07	0.18970	1.57513E-05	0.01157
444122.74	3747541.93	265502.0146	0.01225	0.03195	4.12993E-07	0.18025	1.49667E-05	0.01226
444115.7	3747514.64	263377.4277	0.01215	0.03142	4.06142E-07	0.16693	1.38607E-05	0.01217
444104.26	3747490.88	277250.439	0.01279	0.03101	4.00842E-07	0.15835	1.31482E-05	0.01280
444093.7	3747447.75	271007.6622	0.01250	0.02993	3.86882E-07	0.13946	1.15798E-05	0.01252
444089.29	3747432.78	268737.1995	0.01240	0.02954	3.81841E-07	0.13363	1.10957E-05	0.01241
444084.01	3747410.78	256690.5489	0.01184	0.02889	3.73439E-07	0.12467	1.03517E-05	0.01185
444079.61	3747394.05	245418.7771	0.01132	0.02836	3.66588E-07	0.11775	9.77712E-06	0.01133
444066.41	3747371.17	247680.8844	0.01143	0.02768	3.57798E-07	0.10957	9.09791E-06	0.01144
444065.53	3747356.2	227966.9386	0.01052	0.02731	3.53015E-07	0.10444	8.67195E-06	0.01053
444057.61	3747328.92	208321.7018	0.00961	0.02679	3.46294E-07	0.09841	8.17126E-06	0.00962
444048.8	3747309.55	201861.0104	0.00931	0.02651	3.42674E-07	0.09563	7.94043E-06	0.00932
444041.76	3747289.31	189436.4589	0.00874	0.02623	3.39055E-07	0.09252	7.68220E-06	0.00875
444039.12	3747269.94	170009.6337	0.00784	0.02593	3.35177E-07	0.08903	7.39241E-06	0.00785
444032.08	3747252.34	162563.1689	0.00750	0.02572	3.32463E-07	0.08653	7.18483E-06	0.00751
444026.8	3747232.09	147754.1245	0.00682	0.02544	3.28843E-07	0.08288	6.88176E-06	0.00682

444024.16	3747211.85	126189.0963	0.00582	0.02512	3.24707E-07	0.07863	6.52887E-06	0.00583
444012.71	3747194.24	117450.1872	0.00542	0.02500	3.23156E-07	0.07559	6.27645E-06	0.00543
444009.19	3747178.4	96205.65456	0.00444	0.02482	3.20829E-07	0.07254	6.02320E-06	0.00444
444000.39	3747159.03	73773.40468	0.00340	0.02470	3.19278E-07	0.06955	5.77493E-06	0.00341
443990.71	3747139.67	57233.45518	0.00264	0.02465	3.18632E-07	0.06745	5.60056E-06	0.00265
443987.19	3747122.06	47236.41057	0.00218	0.02451	3.16822E-07	0.06517	5.41125E-06	0.00219
443544.98	3747753.94	28123.99832	0.00130	0.04822	6.23303E-07	3.07110	2.55002E-04	0.00155
443566.91	3747739.32	29073.87144	0.00134	0.04744	6.13221E-07	4.33457	3.59912E-04	0.00170
443582.75	3747705.21	29562.31193	0.00136	0.04544	5.87368E-07	3.08003	2.55744E-04	0.00162
443608.33	3747662.57	30254.62819	0.00140	0.04288	5.54277E-07	2.85244	2.36846E-04	0.00163
443585.18	3747683.28	29279.74671	0.00135	0.04408	5.69788E-07	2.24464	1.86379E-04	0.00154
443664.38	3747610.18	34224.90341	0.00158	0.04028	5.20669E-07	3.23324	2.68465E-04	0.00185
444061.69	3748396.73	199317.0483	0.00920	0.07097	9.17375E-07	2.05389	1.70540E-04	0.00937
443702.16	3748778.14	278696.1536	0.01286	0.40239	5.20139E-06	0.09712	8.06415E-06	0.01287
443720.87	3748761.68	335421.8942	0.01548	0.35706	4.61544E-06	0.10280	8.53578E-06	0.01549
443735.08	3748748.96	382662.4653	0.01765	0.32612	4.21550E-06	0.10761	8.93516E-06	0.01767
443761.27	3748751.2	310706.2388	0.01433	0.30130	3.89467E-06	0.11354	9.42755E-06	0.01435
443781.48	3748750.46	283067.266	0.01306	0.28286	3.65631E-06	0.11880	9.86430E-06	0.01307
443799.43	3748733.25	335303.0038	0.01547	0.25494	3.29541E-06	0.12675	1.05244E-05	0.01548
443816.64	3748742.22	266084.5773	0.01228	0.25031	3.23557E-06	0.13020	1.08109E-05	0.01229
443859.29	3748707.06	276785.7892	0.01277	0.20408	2.63799E-06	0.15249	1.26617E-05	0.01279
443854.8	3748660.67	400713.596	0.01849	0.18220	2.35516E-06	0.16298	1.35327E-05	0.01850
443872.01	3748652.43	351991.8549	0.01624	0.17183	2.22111E-06	0.17346	1.44029E-05	0.01626
443881.74	3748635.22	348334.2154	0.01607	0.16080	2.07854E-06	0.18455	1.53237E-05	0.01609
443889.22	3748615.02	357286.098	0.01648	0.15017	1.94113E-06	0.19704	1.63608E-05	0.01650
443912.42	3748586.59	328072.994	0.01514	0.13340	1.72436E-06	0.22717	1.88626E-05	0.01516
443949.73	3748543.05	291186.9604	0.01343	0.11218	1.45006E-06	0.29644	2.46143E-05	0.01346
443955.98	3748523.52	311311.2221	0.01436	0.10667	1.37884E-06	0.32541	2.70197E-05	0.01439
443964.58	3748509.45	313352.2435	0.01446	0.10218	1.32080E-06	0.35688	2.96328E-05	0.01449
443975.51	3748496.56	306436.466	0.01414	0.09781	1.26431E-06	0.39755	3.30097E-05	0.01417
444002.47	3748489.92	249398.0228	0.01151	0.09292	1.20111E-06	0.47700	3.96067E-05	0.01155
443993.02	3748508.17	244251.7806	0.01127	0.09776	1.26367E-06	0.41448	3.44154E-05	0.01130
443984.29	3748521.95	242149.2914	0.01117	0.10171	1.31473E-06	0.37406	3.10593E-05	0.01120
443976.48	3748538.5	237609.0642	0.01096	0.10677	1.38013E-06	0.33789	2.80560E-05	0.01099
443964.53	3748550.91	246070.619	0.01135	0.11179	1.44502E-06	0.30681	2.54753E-05	0.01138
443950.29	3748565.15	257524.7517	0.01188	0.11814	1.52711E-06	0.27664	2.29702E-05	0.01191
443942.47	3748583.07	252904.3692	0.01167	0.12511	1.61720E-06	0.25473	2.11510E-05	0.01169
444015.08	3748474.62	239056.5031	0.01103	0.08830	1.14139E-06	0.56375	4.68098E-05	0.01108
444023.81	3748461.29	233436.7446	0.01077	0.08480	1.09614E-06	0.65466	5.43583E-05	0.01083
444033	3748446.13	226451.4098	0.01045	0.08113	1.04871E-06	0.79206	6.57670E-05	0.01051
444049.55	3748429.58	206054.7937	0.00951	0.07698	9.95061E-07	1.09336	9.07848E-05	0.00960
444052.31	3748411.2	214583.8115	0.00990	0.07421	9.59256E-07	1.39496	1.15827E-04	0.01002
443186.88	3748634.7	66382.58595	0.00306	0.77011	9.95462E-06	0.05427	4.50619E-06	0.00308
443201.94	3748608.36	66588.25628	0.00307	0.62454	8.07295E-06	0.05665	4.70381E-06	0.00308
443224.52	3748583.89	67741.50681	0.00313	0.51889	6.70729E-06	0.05999	4.98114E-06	0.00314
443237.69	3748551.9	69218.38986	0.00319	0.43187	5.58245E-06	0.06275	5.21031E-06	0.00320
443250.87	3748525.56	70597.91501	0.00326	0.37405	4.83506E-06	0.06554	5.44197E-06	0.00327
443267.8	3748491.68	68101.5407	0.00314	0.30576	3.95233E-06	0.07021	5.82974E-06	0.00315
443290.38	3748454.05	68498.12162	0.00316	0.25741	3.32734E-06	0.07590	6.30219E-06	0.00317
443299.79	3748416.41	62456.75649	0.00288	0.21718	2.80732E-06	0.08097	6.72317E-06	0.00289
443299.79	3748384.42	56586.19308	0.00261	0.19222	2.48468E-06	0.08443	7.01046E-06	0.00262
443301.68	3748352.43	52614.71737	0.00243	0.17355	2.24335E-06	0.08826	7.32848E-06	0.00244
443305.44	3748320.44	49061.39155	0.00226	0.15716	2.03149E-06	0.09279	7.70462E-06	0.00227
443117.28	3748611.37	52623.60503	0.00243	0.56272	7.27385E-06	0.05086	4.22305E-06	0.00244
443090.7	3748626.39	50914.97499	0.00235	0.57125	7.38411E-06	0.04878	4.05034E-06	0.00236
443162.35	3748585.94	56513.40429	0.00261	0.51343	6.63672E-06	0.05503	4.56930E-06	0.00262
443179.69	3748558.2	56276.44792	0.00260	0.43054	5.56526E-06	0.05796	4.81258E-06	0.00261
443190.09	3748530.47	54405.6189	0.00251	0.36357	4.69959E-06	0.06066	5.03677E-06	0.00252
443205.11	3748494.64	53163.95005	0.00245	0.30091	3.88963E-06	0.06427	5.33652E-06	0.00246

443229.38	3748456.5	51633.2419	0.00238	0.24483	3.16473E-06	0.06973	5.78988E-06	0.00239
443231.69	3748413.74	47323.00101	0.00218	0.20609	2.66397E-06	0.07342	6.09627E-06	0.00219
443252.5	3748389.47	48062.54223	0.00222	0.19125	2.47214E-06	0.07791	6.46909E-06	0.00223
443186.62	3748471.53	48068.54905	0.00222	0.26804	3.46475E-06	0.06419	5.32988E-06	0.00223
443141.55	3748525.84	46768.94904	0.00216	0.34821	4.50104E-06	0.05723	4.75197E-06	0.00217
443138.08	3748498.11	43568.90572	0.00201	0.29875	3.86171E-06	0.05868	4.87237E-06	0.00202
443150.79	3748472.68	43100.70781	0.00199	0.26521	3.42817E-06	0.06119	5.08078E-06	0.00200
443169.29	3748447.26	42891.15103	0.00198	0.23489	3.03624E-06	0.06452	5.35728E-06	0.00199
443183.15	3748419.52	41999.4969	0.00194	0.20874	2.69822E-06	0.06781	5.63046E-06	0.00195
443202.8	3748396.41	42319.55347	0.00195	0.19253	2.48869E-06	0.07156	5.94183E-06	0.00196
443224.76	3748373.29	42849.72745	0.00198	0.17909	2.31496E-06	0.07598	6.30883E-06	0.00199
443238.63	3748345.56	42001.04052	0.00194	0.16427	2.12339E-06	0.08029	6.66671E-06	0.00195
443112.66	3748590.56	49586.32101	0.00229	0.48136	6.22217E-06	0.05167	4.29031E-06	0.00230
443080.3	3748597.5	46110.24603	0.00213	0.45841	5.92551E-06	0.04963	4.12092E-06	0.00214
443072.21	3748572.07	42740.90517	0.00197	0.39003	5.04162E-06	0.05043	4.18735E-06	0.00198
443103.41	3748554.74	45234.41385	0.00209	0.38558	4.98410E-06	0.05286	4.38912E-06	0.00210
443093.01	3748532.78	42307.59932	0.00195	0.33683	4.35394E-06	0.05336	4.43063E-06	0.00196
444066.11	3748315.51	141671.7078	0.00654	0.06180	7.98841E-07	6.42829	5.33759E-04	0.00707
444098.47	3748350.18	129674.9061	0.00598	0.06223	8.04399E-07	6.66903	5.53748E-04	0.00654
444078.82	3748294.7	114877.1948	0.00530	0.05912	7.64199E-07	3.07471	2.55302E-04	0.00556
444089.22	3748273.9	98819.6883	0.00456	0.05692	7.35761E-07	1.99058	1.65283E-04	0.00473
444096.16	3748253.1	88103.55166	0.00406	0.05520	7.13528E-07	1.50103	1.24635E-04	0.00419
444111.18	3748321.29	104581.6625	0.00482	0.05873	7.59158E-07	2.70594	2.24682E-04	0.00505
444131.98	3748302.79	86568.61942	0.00399	0.05603	7.24257E-07	1.64212	1.36350E-04	0.00413
444135.45	3748284.3	79464.53005	0.00367	0.05437	7.02799E-07	1.33474	1.10827E-04	0.00378
443313.52	3748260.81	42892.26822	0.00198	0.13179	1.70355E-06	0.10277	8.53328E-06	0.00199
443230.72	3748275.87	35678.96497	0.00165	0.13198	1.70600E-06	0.08633	7.16822E-06	0.00165
443260.83	3748238.23	35484.93281	0.00164	0.12101	1.56420E-06	0.09587	7.96036E-06	0.00165
443274	3748215.65	34889.2443	0.00161	0.11482	1.48419E-06	0.10152	8.42949E-06	0.00162
443304.11	3748178.01	33784.91974	0.00156	0.10388	1.34278E-06	0.11495	9.54462E-06	0.00157
443198.73	3748330.44	36292.92035	0.00167	0.15130	1.95574E-06	0.07674	6.37194E-06	0.00168
443155.44	3748373.72	35620.20409	0.00164	0.17341	2.24154E-06	0.06843	5.68194E-06	0.00165
443119.69	3748411.36	34943.20367	0.00161	0.19855	2.56650E-06	0.06265	5.20201E-06	0.00162
443100.87	3748441.47	35705.92164	0.00165	0.22643	2.92689E-06	0.05916	4.91222E-06	0.00166
443093.34	3748477.23	38226.78738	0.00176	0.26622	3.44122E-06	0.05632	4.67641E-06	0.00177
443080.17	3748501.69	38789.99454	0.00179	0.28567	3.69264E-06	0.05410	4.49208E-06	0.00180
443718.12	3747857.82	43762.22444	0.00202	0.05241	6.77464E-07	2.08775	1.73352E-04	0.00219
443737.76	3747882.38	45266.8054	0.00209	0.05295	6.84444E-07	2.09655	1.74082E-04	0.00226
443765.27	3747898.1	47688.57604	0.00220	0.05241	6.77464E-07	1.82801	1.51785E-04	0.00235
443754.46	3747918.73	44731.47255	0.00206	0.05400	6.98017E-07	2.36988	1.96778E-04	0.00226
443696.5	3747826.38	41737.76073	0.00193	0.05150	6.65701E-07	2.03608	1.69061E-04	0.00210
443672.93	3747804.77	38641.87521	0.00178	0.05074	6.55877E-07	2.18016	1.81025E-04	0.00196
443726.96	3747844.07	45737.38021	0.00211	0.05132	6.63374E-07	1.82355	1.51415E-04	0.00226
443710.26	3747771.37	43174.10526	0.00199	0.04735	6.12057E-07	1.87416	1.55617E-04	0.00215
443737.76	3747790.04	47945.65029	0.00221	0.04729	6.11282E-07	1.78340	1.48081E-04	0.00236
443746.61	3747808.7	50041.01052	0.00231	0.04820	6.23044E-07	1.70570	1.41629E-04	0.00245
443762.32	3747821.47	53650.93817	0.00248	0.04847	6.26535E-07	1.69713	1.40918E-04	0.00262
443787.87	3747845.05	59379.2031	0.00274	0.04894	6.32610E-07	1.67262	1.38882E-04	0.00288
443800.64	3747866.66	60667.70762	0.00280	0.04985	6.44373E-07	1.60164	1.32989E-04	0.00293
443806.53	3747929.53	50523.62906	0.00233	0.05291	6.83927E-07	1.59853	1.32730E-04	0.00246
443520.64	3747701.59	26480.38569	0.00122	0.04466	5.77286E-07	0.97919	8.13049E-05	0.00130
443551.64	3747661.73	27301.77912	0.00126	0.04268	5.51692E-07	1.02389	8.50165E-05	0.00135
443591.49	3747635.16	28656.89967	0.00132	0.04132	5.34112E-07	1.34533	1.11707E-04	0.00143
443836.47	3747717.7	97504.15854	0.00450	0.04296	5.55311E-07	2.72086	2.25921E-04	0.00472
443840.73	3747688.6	97755.68933	0.00451	0.04154	5.36956E-07	1.81875	1.51016E-04	0.00466
443841.44	3747663.76	91748.78565	0.00423	0.03993	5.16144E-07	1.42835	1.18600E-04	0.00435
443804.53	3747670.15	74795.17124	0.00345	0.04188	5.41351E-07	2.23184	1.85316E-04	0.00364
443787.49	3747657.37	61577.92863	0.00284	0.04055	5.24159E-07	2.55890	2.12473E-04	0.00305
443777.55	3747633.95	55553.93408	0.00256	0.03942	5.09552E-07	2.13903	1.77610E-04	0.00274

443744.9	3747619.04	46707.29663	0.00215	0.03957	5.11491E-07	2.63475	2.18771E-04	0.00237
443761.94	3747606.26	50567.95974	0.00233	0.03884	5.02055E-07	1.55645	1.29236E-04	0.00246
443844.28	3747623.3	83615.9969	0.00386	0.03741	4.83570E-07	0.92080	7.64566E-05	0.00393
443847.12	3747599.87	83316.32513	0.00384	0.03651	4.71937E-07	0.70159	5.82550E-05	0.00390
443852.79	3747578.58	85379.35664	0.00394	0.03572	4.61725E-07	0.54752	4.54621E-05	0.00398
443849.96	3747558	81628.3172	0.00377	0.03513	4.54099E-07	0.45330	3.76388E-05	0.00380
443849.96	3747537.41	80595.3748	0.00372	0.03463	4.47635E-07	0.38138	3.16671E-05	0.00375
443854.92	3747518.25	82179.60293	0.00379	0.03402	4.39750E-07	0.32414	2.69143E-05	0.00382
443847.12	3747495.53	74939.80445	0.00346	0.03352	4.33287E-07	0.27898	2.31645E-05	0.00348
443853.5	3747478.5	77053.2371	0.00355	0.03297	4.26178E-07	0.24680	2.04925E-05	0.00358
443850.67	3747457.2	73418.1249	0.00339	0.03250	4.20103E-07	0.21879	1.81668E-05	0.00341
443854.21	3747438.75	73433.32019	0.00339	0.03197	4.13252E-07	0.19607	1.62802E-05	0.00340
443849.96	3747397.58	67474.54698	0.00311	0.03112	4.02264E-07	0.16071	1.33442E-05	0.00313
443854.21	3747418.16	71270.7885	0.00329	0.03148	4.06918E-07	0.17577	1.45947E-05	0.00330
443853.5	3747378.41	67908.07795	0.00313	0.03068	3.96577E-07	0.14766	1.22606E-05	0.00315
443843.57	3747336.54	60087.56336	0.00277	0.02998	3.87528E-07	0.12447	1.03351E-05	0.00278
443836.47	3747315.24	55548.91617	0.00256	0.02965	3.83263E-07	0.11462	9.51722E-06	0.00257
443829.37	3747296.08	51285.66127	0.00237	0.02934	3.79256E-07	0.10639	8.83386E-06	0.00238
443827.95	3747274.07	48816.61297	0.00225	0.02891	3.73697E-07	0.09824	8.15715E-06	0.00226
443816.59	3747254.2	43491.26549	0.00201	0.02860	3.69690E-07	0.09225	7.65978E-06	0.00201
443805.95	3747236.45	39103.05437	0.00180	0.02829	3.65683E-07	0.08733	7.25126E-06	0.00181
443803.11	3747219.42	36731.81948	0.00169	0.02794	3.61159E-07	0.08289	6.88259E-06	0.00170
443838.6	3747186.06	39846.47241	0.00184	0.02714	3.50818E-07	0.07512	6.23743E-06	0.00184
443838.6	3747171.15	37137.78827	0.00171	0.02687	3.47328E-07	0.07238	6.00992E-06	0.00172
443970.69	3747984.97	64128.54427	0.00296	0.05277	6.82117E-07	0.81900	6.80039E-05	0.00303
443980.63	3747995.62	60152.35612	0.00278	0.05218	6.74491E-07	0.79341	6.58791E-05	0.00284
443994.83	3748014.08	56082.0419	0.00259	0.05168	6.68028E-07	0.76799	6.37684E-05	0.00265
444006.19	3748026.85	53954.84027	0.00249	0.05114	6.61048E-07	0.74942	6.22265E-05	0.00255
444016.83	3748040.34	52645.93746	0.00243	0.05083	6.57040E-07	0.73978	6.14260E-05	0.00249
444040.26	3748051.7	51397.79299	0.00237	0.04980	6.43726E-07	0.69010	5.73010E-05	0.00243
444048.78	3748065.89	50784.53186	0.00234	0.04960	6.41141E-07	0.69236	5.74886E-05	0.00240
444060.13	3748085.77	51125.04	0.00236	0.04957	6.40753E-07	0.70401	5.84559E-05	0.00242
444079.3	3748100.68	51535.79714	0.00238	0.04913	6.35066E-07	0.68356	5.67579E-05	0.00244
444088.53	3748117	53248.1137	0.00246	0.04936	6.38039E-07	0.69918	5.80549E-05	0.00252
444101.3	3748132.62	54682.84152	0.00252	0.04938	6.38297E-07	0.70228	5.83123E-05	0.00258
444114.79	3748147.53	55493.49668	0.00256	0.04913	6.35066E-07	0.69891	5.80325E-05	0.00262
444129.7	3748161.72	55791.40165	0.00257	0.04886	6.31576E-07	0.68919	5.72254E-05	0.00263
444141.76	3748177.34	56143.06751	0.00259	0.04868	6.29249E-07	0.69140	5.74089E-05	0.00265
444158.09	3748180.89	53604.57044	0.00247	0.04781	6.18003E-07	0.64634	5.36674E-05	0.00253
444169.45	3748204.31	53955.3948	0.00249	0.04778	6.17615E-07	0.66279	5.50333E-05	0.00254
444190.03	3748217.09	51193.57599	0.00236	0.04693	6.06628E-07	0.62056	5.15269E-05	0.00241
444192.83	3748193.06	47932.94252	0.00221	0.04567	5.90341E-07	0.56103	4.65839E-05	0.00226
444195.33	3748122.7	43058.12322	0.00199	0.04337	5.60611E-07	0.45728	3.79693E-05	0.00203
444008.68	3747956.49	78592.84602	0.00363	0.04857	6.27827E-07	0.73655	6.11578E-05	0.00369
444019.33	3747969.98	68538.84135	0.00316	0.04825	6.23691E-07	0.68735	5.70726E-05	0.00322
444042.75	3747981.34	61689.34982	0.00285	0.04686	6.05723E-07	0.62239	5.16788E-05	0.00290
444051.27	3747995.53	57461.54894	0.00265	0.04703	6.07921E-07	0.60385	5.01394E-05	0.00270
444062.63	3748015.41	53553.33019	0.00247	0.04727	6.11023E-07	0.58942	4.89412E-05	0.00252
444081.79	3748030.32	51287.53793	0.00237	0.04684	6.05465E-07	0.56364	4.68006E-05	0.00241
444091.02	3748046.64	49913.43554	0.00230	0.04697	6.07145E-07	0.56260	4.67143E-05	0.00235
444103.8	3748062.26	49450.10141	0.00228	0.04704	6.08050E-07	0.55695	4.62451E-05	0.00233
444117.29	3748077.17	48751.92226	0.00225	0.04683	6.05335E-07	0.54949	4.56257E-05	0.00230
444132.19	3748091.36	48252.26339	0.00223	0.04649	6.00941E-07	0.53946	4.47929E-05	0.00227
444144.26	3748106.98	48058.04553	0.00222	0.04627	5.98097E-07	0.53738	4.46202E-05	0.00226
444160.59	3748110.53	46914.19664	0.00216	0.04551	5.88273E-07	0.51033	4.23741E-05	0.00221
444171.94	3748133.95	46733.64282	0.00216	0.04535	5.86205E-07	0.51908	4.31007E-05	0.00220
444192.53	3748146.73	44335.33455	0.00205	0.04414	5.70564E-07	0.48911	4.06122E-05	0.00209
444143.39	3748498.91	100439.4969	0.00463	0.07958	1.02867E-06	1.78604	1.48300E-04	0.00478
444154.04	3748512.39	94260.55054	0.00435	0.08069	1.04302E-06	1.77032	1.46995E-04	0.00450

444177.46	3748523.75	85128.12719	0.00393	0.08057	1.04147E-06	2.35043	1.95163E-04	0.00412
444185.98	3748537.95	81462.8925	0.00376	0.08212	1.06150E-06	2.19367	1.82147E-04	0.00394
444197.34	3748557.82	76442.30585	0.00353	0.08404	1.08632E-06	2.00311	1.66324E-04	0.00369
444216.5	3748572.73	70551.73313	0.00325	0.08440	1.09097E-06	2.34614	1.94807E-04	0.00345
444225.73	3748589.05	67402.52254	0.00311	0.08591	1.11049E-06	2.16016	1.79364E-04	0.00329
444238.51	3748604.67	63827.95814	0.00294	0.08684	1.12251E-06	2.18088	1.81085E-04	0.00313
444251.99	3748619.58	60450.23085	0.00279	0.08745	1.13040E-06	2.27065	1.88539E-04	0.00298
444266.9	3748633.77	57153.22271	0.00264	0.08767	1.13324E-06	2.49781	2.07400E-04	0.00285
444278.97	3748649.39	54413.11071	0.00251	0.08826	1.14087E-06	2.58347	2.14513E-04	0.00273
444295.29	3748652.94	52033.85733	0.00240	0.08682	1.12226E-06	3.88558	3.22631E-04	0.00272
444306.65	3748676.37	49266.33067	0.00227	0.08825	1.14074E-06	3.91234	3.24853E-04	0.00260
444237.65	3748593.44	64773.69547	0.00299	0.08536	1.10338E-06	2.62016	2.17559E-04	0.00321
444061.66	3748440.72	178053.1744	0.00821	0.07739	1.00036E-06	1.12922	9.37623E-05	0.00831
444085.08	3748452.08	145882.4123	0.00673	0.07700	9.95320E-07	1.35264	1.12314E-04	0.00684
444093.6	3748466.28	135859.9562	0.00627	0.07877	1.01820E-06	1.27491	1.05859E-04	0.00637
444104.96	3748486.15	123121.1694	0.00568	0.08098	1.04677E-06	1.17761	9.77803E-05	0.00578
444124.12	3748501.06	109913.2913	0.00507	0.08185	1.05801E-06	1.27848	1.06156E-04	0.00518
444133.35	3748517.39	103070.8433	0.00476	0.08374	1.08244E-06	1.20329	9.99126E-05	0.00486
444146.13	3748533	95111.41331	0.00439	0.08491	1.09757E-06	1.20446	1.00010E-04	0.00449
444159.61	3748547.91	88343.3147	0.00408	0.08601	1.11179E-06	1.22734	1.01910E-04	0.00418
444174.52	3748562.11	82243.38221	0.00379	0.08692	1.12355E-06	1.28830	1.06971E-04	0.00390
444186.59	3748577.72	77158.81066	0.00356	0.08808	1.13854E-06	1.28302	1.06533E-04	0.00367
444202.91	3748581.27	72935.35227	0.00336	0.08702	1.12484E-06	1.57796	1.31022E-04	0.00350
444214.27	3748604.7	68555.21195	0.00316	0.08947	1.15651E-06	1.41027	1.17099E-04	0.00328
444234.86	3748617.47	63546.25673	0.00293	0.08904	1.15095E-06	1.67838	1.39361E-04	0.00307
443957.64	3748095.6	61819.56698	0.00285	0.05735	7.41319E-07	1.42181	1.18057E-04	0.00297
CONCUNIT ug	/m^3	0	0.00000	0.00000	0.00000E+00	0.00000	0.00000E+00	0.00000
DEPUNIT g/m	^2	0	0.00000	0.00000	0.00000E+00	0.00000	0.00000E+00	0.00000

Trails of Corona

2023 | No Mitigation | at Sensitive Receptors | No Mitigation | at Sensitive Receptors

Construction Annual DPM Emissions (as PM10 Exhaust)

X (m)	Y (m)	Onsite Annual DPM Exhaust w/Unit Emissions (ug/m3)	Onsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Unit Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Unit Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Total DPM (ug/m3)
443543.62	3748016.2	35156.94454	0.00140	0.07477	6.96328E-07	0.41552	2.48574E-05	0.00143
443581.38	3748016.2	36622.07968	0.00146	0.07287	6.78634E-07	0.52827	3.16024E-05	0.00149
443619.14	3748016.2	38578.71528	0.00154	0.07096	6.60846E-07	0.69873	4.17998E-05	0.00158
443656.9	3748016.2	40918.00742	0.00163	0.06920	6.44455E-07	0.98771	5.90873E-05	0.00169
443694.66	3748016.2	43836.17418	0.00175	0.06805	6.33746E-07	1.56020	9.33351E-05	0.00184
443732.42	3748016.2	45683.33344	0.00182	0.06551	6.10091E-07	3.41537	2.04316E-04	0.00203
443543.62	3748046.66	36897.38741	0.00147	0.07866	7.32556E-07	0.36211	2.16623E-05	0.00149
443581.38	3748046.66	38550.11084	0.00154	0.07661	7.13464E-07	0.44715	2.67496E-05	0.00157
443619.14	3748046.66	40642.28578	0.00162	0.07449	6.93721E-07	0.56902	3.40402E-05	0.00166
443656.9	3748046.66	43341.14312	0.00173	0.07289	6.78820E-07	0.75771	4.53281E-05	0.00178
443694.66	3748046.66	46809.0846	0.00187	0.07199	6.70438E-07	1.07871	6.45311E-05	0.00193
443732.42	3748046.66	48755.43749	0.00195	0.06933	6.45666E-07	1.85184	1.10782E-04	0.00206
443543.62	3748077.12	39404.88209	0.00157	0.08341	7.76792E-07	0.31914	1.90918E-05	0.00159
443581.38	3748077.12	41316.11417	0.00165	0.08112	7.55466E-07	0.38525	2.30466E-05	0.00167
443619.14	3748077.12	43760.54368	0.00175	0.07893	7.35070E-07	0.47585	2.84665E-05	0.00178
443656.9	3748077.12	46150.17698	0.00184	0.07628	7.10391E-07	0.61043	3.65175E-05	0.00188
443694.66	3748077.12	49883.26321	0.00199	0.07513	6.99681E-07	0.82192	4.91693E-05	0.00204
443732.42	3748077.12	52236.79016	0.00208	0.07229	6.73232E-07	1.24369	7.44007E-05	0.00216
443543.62	3748107.58	42664.91899	0.00170	0.08886	8.27548E-07	0.28422	1.70028E-05	0.00172
443581.38	3748107.58	44769.17854	0.00179	0.08600	8.00913E-07	0.33721	2.01727E-05	0.00181
443619.14	3748107.58	46761.89683	0.00187	0.08232	7.66641E-07	0.40813	2.44154E-05	0.00189
443656.9	3748107.58	49529.12199	0.00198	0.07943	7.39727E-07	0.50715	3.03390E-05	0.00201
443694.66	3748107.58	54047.9059	0.00216	0.07834	7.29576E-07	0.65526	3.91993E-05	0.00220
443732.42	3748107.58	57212.48007	0.00228	0.07534	7.01637E-07	0.91330	5.46359E-05	0.00234
443543.62	3748138.04	46381.87285	0.00185	0.09424	8.77651E-07	0.25588	1.53074E-05	0.00187
443581.38	3748138.04	48334.7879	0.00193	0.09014	8.39468E-07	0.29950	1.79168E-05	0.00195
443619.14	3748138.04	50689.1187	0.00202	0.08599	8.00820E-07	0.35541	2.12615E-05	0.00204
443656.9	3748138.04	54323.18345	0.00217	0.08313	7.74185E-07	0.43068	2.57644E-05	0.00219
443694.66	3748138.04	59870.18055	0.00239	0.08181	7.61892E-07	0.53911	3.22509E-05	0.00242
443732.42	3748138.04	64471.89771	0.00257	0.07872	7.33115E-07	0.71038	4.24967E-05	0.00262
443543.62	3748168.5	50491.68567	0.00202	0.09937	9.25427E-07	0.23252	1.39099E-05	0.00203
443581.38	3748168.5	53041.01358	0.00212	0.09492	8.83984E-07	0.26851	1.60629E-05	0.00213
443619.14	3748168.5	56037.73207	0.00224	0.09031	8.41052E-07	0.31357	1.87585E-05	0.00226
443656.9	3748168.5	61039.14776	0.00244	0.08751	8.14975E-07	0.37265	2.22929E-05	0.00246
443694.66	3748168.5	68167.33276	0.00272	0.08580	7.99050E-07	0.45466	2.71989E-05	0.00275
443732.42	3748168.5	74705.07557	0.00298	0.08219	7.65430E-07	0.57593	3.44536E-05	0.00302
444172.99	3747085.77	29448.16587	0.00118	0.02206	2.05443E-07	0.05535	3.31118E-06	0.00118
444272.99	3747085.77	25352.98114	0.00101	0.02204	2.05257E-07	0.05310	3.17658E-06	0.00102
444372.99	3747085.77	21798.2038	0.00087	0.02195	2.04419E-07	0.05019	3.00249E-06	0.00087
444472.99	3747085.77	18895.27197	0.00075	0.02149	2.00135E-07	0.04684	2.80209E-06	0.00076
444572.99	3747085.77	16521.66666	0.00066	0.02067	1.92498E-07	0.04363	2.61006E-06	0.00066
444672.99	3747085.77	14763.1768	0.00059	0.01976	1.84024E-07	0.04146	2.48024E-06	0.00059
444772.99	3747085.77	13333.48087	0.00053	0.01874	1.74524E-07	0.03956	2.36658E-06	0.00053
444872.99	3747085.77	12154.7418	0.00049	0.01774	1.65212E-07	0.03783	2.26309E-06	0.00049
444972.99	3747085.77	11145.1858	0.00044	0.01678	1.56271E-07	0.03597	2.15182E-06	0.00045
445072.99	3747085.77	10314.7653	0.00041	0.01597	1.48728E-07	0.03416	2.04354E-06	0.00041
445172.99	3747085.77	9613.03502	0.00038	0.01534	1.42860E-07	0.03255	1.94722E-06	0.00039
445272.99	3747085.77	9030.44559	0.00036	0.01490	1.38763E-07	0.03124	1.86886E-06	0.00036
445372.99	3747085.77	8484.53473	0.00034	0.01453	1.35317E-07	0.02991	1.78929E-06	0.00034

445472.99	3747085.77	7969.51529	0.00032	0.01420	1.32244E-07	0.02848	1.70375E-06	0.00032
445572.99	3747085.77	7523.0254	0.00030	0.01389	1.29357E-07	0.02711	1.62179E-06	0.00030
444172.99	3747185.77	47140.33562	0.00188	0.02369	2.20624E-07	0.06532	3.90761E-06	0.00189
444272.99	3747185.77	36070.83486	0.00144	0.02372	2.20903E-07	0.06178	3.69583E-06	0.00144
444372.99	3747185.77	28781.62787	0.00115	0.02340	2.17923E-07	0.05771	3.45236E-06	0.00115
444472.99	3747185.77	23544.8421	0.00094	0.02256	2.10100E-07	0.05309	3.17598E-06	0.00094
444572.99	3747185.77	19933.52106	0.00080	0.02149	2.00135E-07	0.04949	2.96062E-06	0.00080
444672.99	3747185.77	17335.878	0.00069	0.02033	1.89332E-07	0.04684	2.80209E-06	0.00069
444772.99	3747185.77	15280.27518	0.00061	0.01912	1.78063E-07	0.04438	2.65492E-06	0.00061
444872.99	3747185.77	13689.80145	0.00055	0.01802	1.67819E-07	0.04210	2.51853E-06	0.00055
444972.99	3747185.77	12412.60824	0.00050	0.01710	1.59251E-07	0.03975	2.37794E-06	0.00050
445072.99	3747185.77	11343.53923	0.00045	0.01637	1.52453E-07	0.03743	2.23916E-06	0.00046
445172.99	3747185.77	10448.35434	0.00042	0.01584	1.47517E-07	0.03544	2.12011E-06	0.00042
445272.99	3747185.77	9719.27185	0.00039	0.01547	1.44071E-07	0.03379	2.02140E-06	0.00039
445372.99	3747185.77	9037.83716	0.00036	0.01511	1.40719E-07	0.03204	1.91671E-06	0.00036
445472.99	3747185.77	8440.92228	0.00034	0.01474	1.37273E-07	0.03032	1.81382E-06	0.00034
445572.99	3747185.77	7914.78359	0.00032	0.01435	1.33641E-07	0.02867	1.71511E-06	0.00032
444172.99	3747285.77	76910.80717	0.00307	0.02562	2.38597E-07	0.07905	4.72897E-06	0.00307
444272.99	3747285.77	52107.24958	0.00208	0.02541	2.36642E-07	0.07290	4.36106E-06	0.00208
444372.99	3747285.77	38305.54689	0.00153	0.02472	2.30216E-07	0.06724	4.02247E-06	0.00153
444472.99	3747285.77	29912.32438	0.00119	0.02360	2.19785E-07	0.06193	3.70481E-06	0.00120
444572.99	3747285.77	24413.72426	0.00097	0.02225	2.07213E-07	0.05743	3.43561E-06	0.00098
444672.99	3747285.77	20479.76338	0.00082	0.02082	1.93895E-07	0.05363	3.20828E-06	0.00082
444772.99	3747285.77	17590.99786	0.00070	0.01948	1.81416E-07	0.05026	3.00668E-06	0.00071
444872.99	3747285.77	15450.1467	0.00062	0.01839	1.71265E-07	0.04709	2.81704E-06	0.00062
444972.99	3747285.77	13731.21867	0.00055	0.01754	1.63349E-07	0.04381	2.62082E-06	0.00055
445072.99	3747285.77	12392.71842	0.00049	0.01694	1.57761E-07	0.04098	2.45153E-06	0.00050
445172.99	3747285.77	11291.96327	0.00045	0.01649	1.53570E-07	0.03856	2.30676E-06	0.00045
445272.99	3747285.77	10373.34735	0.00041	0.01610	1.49938E-07	0.03638	2.17634E-06	0.00042
445372.99	3747285.77	9596.84047	0.00038	0.01570	1.46213E-07	0.03428	2.05072E-06	0.00039
445472.99	3747285.77	8934.88398	0.00036	0.01526	1.42115E-07	0.03228	1.93107E-06	0.00036
445572.99	3747285.77	8349.29477	0.00033	0.01475	1.37366E-07	0.03037	1.81681E-06	0.00034
444172.99	3747385.77	114206.4687	0.00456	0.02775	2.58434E-07	0.10003	5.98405E-06	0.00456
444272.99	3747385.77	71489.65336	0.00285	0.02716	2.52939E-07	0.08976	5.36967E-06	0.00286
444372.99	3747385.77	49973.32393	0.00199	0.02607	2.42788E-07	0.08131	4.86417E-06	0.00200
444472.99	3747385.77	37613.24672	0.00150	0.02463	2.29378E-07	0.07400	4.42687E-06	0.00151
444572.99	3747385.77	29949.0782	0.00120	0.02312	2.15315E-07	0.06818	4.07870E-06	0.00120
444672.99	3747385.77	23789.08825	0.00095	0.02124	1.97807E-07	0.06178	3.69583E-06	0.00095
444772.99	3747385.77	19934.89263	0.00080	0.01990	1.85327E-07	0.05705	3.41287E-06	0.00080
444872.99	3747385.77	17129.07172	0.00068	0.01891	1.76108E-07	0.05252	3.14188E-06	0.00069
444972.99	3747385.77	15023.72637	0.00060	0.01820	1.69495E-07	0.04839	2.89481E-06	0.00060
445072.99	3747385.77	13355.55417	0.00053	0.01765	1.64373E-07	0.04480	2.68005E-06	0.00054
445172.99	3747385.77	12055.55268	0.00048	0.01719	1.60089E-07	0.04186	2.50417E-06	0.00048
445272.99	3747385.77	11004.48444	0.00044	0.01671	1.55619E-07	0.03918	2.34385E-06	0.00044
445372.99	3747385.77	10162.78317	0.00041	0.01622	1.51056E-07	0.03673	2.19728E-06	0.00041
445472.99	3747385.77	9431.29039	0.00038	0.01566	1.45841E-07	0.03436	2.05550E-06	0.00038
445572.99	3747385.77	8797.93874	0.00035	0.01511	1.40719E-07	0.03215	1.92329E-06	0.00035
444172.99	3747485.77	151877.0187	0.00606	0.03004	2.79761E-07	0.13369	7.99767E-06	0.00607
444272.99	3747485.77	89445.08799	0.00357	0.02878	2.68026E-07	0.11434	6.84011E-06	0.00358
444372.99	3747485.77	61392.41098	0.00245	0.02733	2.54523E-07	0.10152	6.07318E-06	0.00246
444472.99	3747485.77	44597.81961	0.00178	0.02543	2.36828E-07	0.08976	5.36967E-06	0.00179
444572.99	3747485.77	33560.29456	0.00134	0.02335	2.17457E-07	0.07937	4.74811E-06	0.00134
444672.99	3747485.77	26489.28262	0.00106	0.02165	2.01625E-07	0.07116	4.25697E-06	0.00106
444772.99	3747485.77	21941.86438	0.00088	0.02051	1.91008E-07	0.06475	3.87351E-06	0.00088
444872.99	3747485.77	18601.37626	0.00074	0.01967	1.83186E-07	0.05868	3.51038E-06	0.00075
444972.99	3747485.77	16146.75813	0.00064	0.01904	1.77318E-07	0.05351	3.20110E-06	0.00065
445072.99	3747485.77	14249.94123	0.00057	0.01845	1.71824E-07	0.04918	2.94207E-06	0.00057
445172.99	3747485.77	12790.41472	0.00051	0.01786	1.66329E-07	0.04553	2.72372E-06	0.00051
445272.99	3747485.77	11639.56754	0.00046	0.01725	1.60648E-07	0.04224	2.52690E-06	0.00047

445372.99	3747485.77	10712.8063	0.00043	0.01665	1.55060E-07	0.03924	2.34744E-06	0.00043
445472.99	3747485.77	9957.74921	0.00040	0.01611	1.50031E-07	0.03655	2.18651E-06	0.00040
445572.99	3747485.77	9331.40926	0.00037	0.01568	1.46027E-07	0.03417	2.04414E-06	0.00037
444172.99	3747585.77	181854.603	0.00726	0.03234	3.01180E-07	0.18696	1.11844E-05	0.00727
444272.99	3747585.77	100974.3669	0.00403	0.03030	2.82182E-07	0.15077	9.01944E-06	0.00404
444372.99	3747585.77	67868.59582	0.00271	0.02834	2.63929E-07	0.12793	7.65309E-06	0.00272
444472.99	3747585.77	48215.52557	0.00192	0.02601	2.42230E-07	0.10883	6.51048E-06	0.00193
444572.99	3747585.77	35716.21632	0.00143	0.02381	2.21741E-07	0.09311	5.57007E-06	0.00143
444672.99	3747585.77	28372.76631	0.00113	0.02241	2.08703E-07	0.08247	4.93356E-06	0.00114
444772.99	3747585.77	23386.21451	0.00093	0.02144	1.99669E-07	0.07370	4.40892E-06	0.00094
444872.99	3747585.77	19722.49006	0.00079	0.02064	1.92219E-07	0.06575	3.93333E-06	0.00079
444972.99	3747585.77	17038.83606	0.00068	0.01991	1.85421E-07	0.05923	3.54329E-06	0.00068
445072.99	3747585.77	15066.63126	0.00060	0.01921	1.78902E-07	0.05412	3.23759E-06	0.00060
445172.99	3747585.77	13489.02501	0.00054	0.01847	1.72010E-07	0.04952	2.96241E-06	0.00054
445272.99	3747585.77	12281.77979	0.00049	0.01781	1.65863E-07	0.04555	2.72492E-06	0.00049
445372.99	3747585.77	11318.81326	0.00045	0.01728	1.60928E-07	0.04205	2.51554E-06	0.00045
445472.99	3747585.77	10515.86921	0.00042	0.01686	1.57016E-07	0.03892	2.32829E-06	0.00042
445572.99	3747585.77	9888.17219	0.00039	0.01665	1.55060E-07	0.03635	2.17455E-06	0.00040
444172.99	3747685.77	158862.0873	0.00634	0.03471	3.23252E-07	0.26299	1.57327E-05	0.00636
444272.99	3747685.77	96509.28366	0.00385	0.03194	2.97455E-07	0.19937	1.19268E-05	0.00386
444372.99	3747685.77	65730.21331	0.00262	0.02926	2.72497E-07	0.15950	9.54169E-06	0.00263
444472.99	3747685.77	47086.8567	0.00188	0.02664	2.48097E-07	0.13013	7.78470E-06	0.00189
444572.99	3747685.77	35750.1885	0.00143	0.02469	2.29936E-07	0.10917	6.53082E-06	0.00143
444672.99	3747685.77	28694.87644	0.00115	0.02346	2.18482E-07	0.09476	5.66878E-06	0.00115
444772.99	3747685.77	23804.85116	0.00095	0.02249	2.09448E-07	0.08299	4.96467E-06	0.00096
444872.99	3747685.77	20322.38774	0.00081	0.02163	2.01439E-07	0.07335	4.38798E-06	0.00082
444972.99	3747685.77	17685.53131	0.00071	0.02075	1.93243E-07	0.06553	3.92017E-06	0.00071
445072.99	3747685.77	15702.58219	0.00063	0.01995	1.85793E-07	0.05928	3.54628E-06	0.00063
445172.99	3747685.77	14148.16717	0.00056	0.01926	1.79367E-07	0.05385	3.22144E-06	0.00057
445272.99	3747685.77	12898.03385	0.00051	0.01872	1.74338E-07	0.04904	2.93370E-06	0.00052
445372.99	3747685.77	11884.21353	0.00047	0.01834	1.70799E-07	0.04490	2.68603E-06	0.00048
445472.99	3747685.77	11049.88405	0.00044	0.01813	1.68844E-07	0.04140	2.47665E-06	0.00044
445572.99	3747685.77	10349.19814	0.00041	0.01804	1.68005E-07	0.03849	2.30257E-06	0.00042
444172.99	3747785.77	116724.1697	0.00466	0.03674	3.42157E-07	0.34689	2.07518E-05	0.00468
444272.99	3747785.77	78001.26389	0.00311	0.03334	3.10493E-07	0.24961	1.49323E-05	0.00313
444372.99	3747785.77	57565.43482	0.00230	0.03061	2.85069E-07	0.19359	1.15810E-05	0.00231
444472.99	3747785.77	42739.95234	0.00171	0.02781	2.58993E-07	0.15321	9.16541E-06	0.00172
444572.99	3747785.77	33726.33708	0.00135	0.02604	2.42509E-07	0.12656	7.57114E-06	0.00135
444672.99	3747785.77	27740.61196	0.00111	0.02474	2.30402E-07	0.10760	6.43690E-06	0.00111
444772.99	3747785.77	23650.12604	0.00094	0.02370	2.20717E-07	0.09314	5.57187E-06	0.00095
444872.99	3747785.77	20479.0748	0.00082	0.02266	2.11031E-07	0.08129	4.86297E-06	0.00082
444972.99	3747785.77	18019.62724	0.00072	0.02173	2.02370E-07	0.07199	4.30662E-06	0.00072
445072.99	3747785.77	16099.08112	0.00064	0.02098	1.95385E-07	0.06433	3.84838E-06	0.00065
445172.99	3747785.77	14644.76731	0.00058	0.02054	1.91288E-07	0.05800	3.46971E-06	0.00059
445272.99	3747785.77	13413.41867	0.00054	0.02023	1.88401E-07	0.05243	3.13649E-06	0.00054
445372.99	3747785.77	12361.72794	0.00049	0.02002	1.86445E-07	0.04772	2.85473E-06	0.00050
445472.99	3747785.77	11489.65545	0.00046	0.01993	1.85607E-07	0.04391	2.62681E-06	0.00046
445572.99	3747785.77	10727.71707	0.00043	0.01984	1.84769E-07	0.04072	2.43597E-06	0.00043
444172.99	3747885.77	81437.16783	0.00325	0.03863	3.59759E-07	0.39920	2.38811E-05	0.00327
444272.99	3747885.77	59337.90119	0.00237	0.03495	3.25487E-07	0.28693	1.71649E-05	0.00239
444372.99	3747885.77	46447.28747	0.00185	0.03207	2.98666E-07	0.22063	1.31986E-05	0.00187
444472.99	3747885.77	36989.70964	0.00148	0.02955	2.75197E-07	0.17503	1.04707E-05	0.00149
444572.99	3747885.77	30332.67087	0.00121	0.02751	2.56199E-07	0.14200	8.49480E-06	0.00122
444672.99	3747885.77	26086.65635	0.00104	0.02616	2.43626E-07	0.11994	7.17511E-06	0.00105
444772.99	3747885.77	22854.24142	0.00091	0.02502	2.33010E-07	0.10281	6.15035E-06	0.00092
444872.99	3747885.77	20189.35878	0.00081	0.02402	2.23697E-07	0.08912	5.33138E-06	0.00081
444972.99	3747885.77	18048.34375	0.00072	0.02326	2.16619E-07	0.07823	4.67992E-06	0.00073
445072.99	3747885.77	16308.31687	0.00065	0.02275	2.11869E-07	0.06914	4.13613E-06	0.00066
445172.99	3747885.77	14953.75264	0.00060	0.02253	2.09821E-07	0.06184	3.69942E-06	0.00060

445272.99	3747885.77	13770.49896	0.00055	0.02239	2.08517E-07	0.05570	3.33211E-06	0.00055
445372.99	3747885.77	12721.8992	0.00051	0.02222	2.06934E-07	0.05065	3.03001E-06	0.00051
445472.99	3747885.77	11765.53487	0.00047	0.02194	2.04326E-07	0.04643	2.77756E-06	0.00047
445572.99	3747885.77	10945.96967	0.00044	0.02160	2.01159E-07	0.04293	2.56818E-06	0.00044
444172.99	3747985.77	55924.70375	0.00223	0.04201	3.91237E-07	0.41060	2.45631E-05	0.00226
444272.99	3747985.77	44570.01751	0.00178	0.03701	3.44672E-07	0.30811	1.84319E-05	0.00180
444372.99	3747985.77	36556.50175	0.00146	0.03347	3.11704E-07	0.23882	1.42868E-05	0.00147
444472.99	3747985.77	31221.96335	0.00125	0.03110	2.89632E-07	0.19035	1.13872E-05	0.00126
444572.99	3747985.77	27353.58079	0.00109	0.02935	2.73335E-07	0.15688	9.38496E-06	0.00110
444672.99	3747985.77	24305.96107	0.00097	0.02799	2.60669E-07	0.13180	7.88461E-06	0.00098
444772.99	3747985.77	21797.59552	0.00087	0.02696	2.51077E-07	0.11205	6.70311E-06	0.00088
444872.99	3747985.77	19733.36497	0.00079	0.02625	2.44465E-07	0.09680	5.79082E-06	0.00079
444972.99	3747985.77	17930.37072	0.00072	0.02574	2.39715E-07	0.08421	5.03765E-06	0.00072
445072.99	3747985.77	16410.96302	0.00065	0.02542	2.36735E-07	0.07395	4.42387E-06	0.00066
445172.99	3747985.77	15047.66968	0.00060	0.02509	2.33662E-07	0.06553	3.92017E-06	0.00060
445272.99	3747985.77	13898.35718	0.00055	0.02478	2.30775E-07	0.05897	3.52773E-06	0.00056
445372.99	3747985.77	12830.42342	0.00051	0.02430	2.26304E-07	0.05352	3.20170E-06	0.00052
445472.99	3747985.77	11857.42183	0.00047	0.02365	2.20251E-07	0.04895	2.92831E-06	0.00048
445572.99	3747985.77	11013.81169	0.00044	0.02294	2.13639E-07	0.04509	2.69740E-06	0.00044
444172.99	3748085.77	45041.87826	0.00180	0.04402	4.09956E-07	0.46067	2.75584E-05	0.00183
444272.99	3748085.77	37004.70077	0.00148	0.03887	3.61994E-07	0.33691	2.01548E-05	0.00150
444372.99	3748085.77	31941.52526	0.00127	0.03573	3.32751E-07	0.26059	1.55891E-05	0.00129
444472.99	3748085.77	28341.75911	0.00113	0.03360	3.12915E-07	0.20921	1.25155E-05	0.00114
444572.99	3748085.77	25458.89558	0.00102	0.03201	2.98107E-07	0.17218	1.03002E-05	0.00103
444672.99	3748085.77	23101.86145	0.00092	0.03087	2.87490E-07	0.14362	8.59171E-06	0.00093
444772.99	3748085.77	21134.25756	0.00084	0.03012	2.80506E-07	0.12165	7.27741E-06	0.00085
444872.99	3748085.77	19388.51953	0.00077	0.02957	2.75384E-07	0.10434	6.24188E-06	0.00078
444972.99	3748085.77	17745.66252	0.00071	0.02899	2.69982E-07	0.08995	5.38103E-06	0.00071
445072.99	3748085.77	16276.24095	0.00065	0.02836	2.64115E-07	0.07846	4.69367E-06	0.00065
445172.99	3748085.77	14966.60006	0.00060	0.02764	2.57410E-07	0.06946	4.15527E-06	0.00060
445272.99	3748085.77	13799.50755	0.00055	0.02681	2.49680E-07	0.06231	3.72754E-06	0.00055
445372.99	3748085.77	12768.65175	0.00051	0.02588	2.41019E-07	0.05644	3.37638E-06	0.00051
445472.99	3748085.77	11830.46625	0.00047	0.02486	2.31520E-07	0.05147	3.07906E-06	0.00048
445572.99	3748085.77	10999.6492	0.00044	0.02383	2.21927E-07	0.04727	2.82781E-06	0.00044
444172.99	3748185.77	50920.13637	0.00203	0.04679	4.35752E-07	0.60565	3.62315E-05	0.00207
444272.99	3748185.77	38987.21876	0.00156	0.04240	3.94869E-07	0.40770	2.43896E-05	0.00158
444372.99	3748185.77	32494.50956	0.00130	0.03952	3.68047E-07	0.30168	1.80473E-05	0.00132
444472.99	3748185.77	28360.29373	0.00113	0.03761	3.50260E-07	0.23633	1.41379E-05	0.00115
444572.99	3748185.77	25371.50887	0.00101	0.03625	3.37594E-07	0.19159	1.14614E-05	0.00102
444672.99	3748185.77	22943.4887	0.00092	0.03515	3.27350E-07	0.15744	9.41846E-06	0.00093
444772.99	3748185.77	20853.90884	0.00083	0.03416	3.18130E-07	0.13147	7.86487E-06	0.00084
444872.99	3748185.77	19154.18036	0.00076	0.03334	3.10493E-07	0.11188	6.69294E-06	0.00077
444972.99	3748185.77	17486.33231	0.00070	0.03219	2.99784E-07	0.09567	5.72322E-06	0.00070
445072.99	3748185.77	16027.81473	0.00064	0.03094	2.88142E-07	0.08323	4.97903E-06	0.00064
445172.99	3748185.77	14743.66503	0.00059	0.02963	2.75942E-07	0.07356	4.40054E-06	0.00059
445272.99	3748185.77	13622.3325	0.00054	0.02830	2.63556E-07	0.06580	3.93632E-06	0.00055
445372.99	3748185.77	12627.61543	0.00050	0.02698	2.51263E-07	0.05937	3.55166E-06	0.00051
445472.99	3748185.77	11744.9643	0.00047	0.02572	2.39529E-07	0.05401	3.23101E-06	0.00047
445572.99	3748185.77	10961.01614	0.00044	0.02454	2.28540E-07	0.04953	2.96301E-06	0.00044
444172.99	3748285.77	67202.20138	0.00268	0.05242	4.88184E-07	0.98862	5.91417E-05	0.00274
444272.99	3748285.77	47708.39436	0.00190	0.04861	4.52702E-07	0.56263	3.36579E-05	0.00194
444372.99	3748285.77	37500.44488	0.00150	0.04597	4.28116E-07	0.38356	2.29455E-05	0.00152
444472.99	3748285.77	31124.53737	0.00124	0.04379	4.07814E-07	0.28349	1.69591E-05	0.00126
444572.99	3748285.77	26822.28595	0.00107	0.04200	3.91143E-07	0.22057	1.31951E-05	0.00108
444672.99	3748285.77	23586.41494	0.00094	0.04026	3.74939E-07	0.17608	1.05335E-05	0.00095
444772.99	3748285.77	21113.89181	0.00084	0.03860	3.59479E-07	0.14436	8.63598E-06	0.00085
444872.99	3748285.77	19002.77991	0.00076	0.03672	3.41971E-07	0.12005	7.18169E-06	0.00077
444972.99	3748285.77	17241.17142	0.00069	0.03479	3.23997E-07	0.10194	6.09831E-06	0.00069
445072.99	3748285.77	15787.68747	0.00063	0.03294	3.06768E-07	0.08842	5.28951E-06	0.00064

445172.99	3748285.77	14517.91722	0.00058	0.03112	2.89819E-07	0.07778	4.65299E-06	0.00058
445272.99	3748285.77	13447.1325	0.00054	0.02948	2.74545E-07	0.06932	4.14690E-06	0.00054
445372.99	3748285.77	12497.19826	0.00050	0.02795	2.60297E-07	0.06240	3.73292E-06	0.00050
445472.99	3748285.77	11647.68398	0.00046	0.02656	2.47352E-07	0.05666	3.38954E-06	0.00047
445572.99	3748285.77	10900.89601	0.00044	0.02530	2.35617E-07	0.05178	3.09761E-06	0.00044
444172.99	3748385.77	88971.92844	0.00355	0.06248	5.81872E-07	2.70863	1.62037E-04	0.00371
444272.99	3748385.77	58402.09054	0.00233	0.05785	5.38754E-07	0.93435	5.58952E-05	0.00239
444372.99	3748385.77	43361.35133	0.00173	0.05419	5.04668E-07	0.53232	3.18447E-05	0.00176
444472.99	3748385.77	34494.1625	0.00138	0.05107	4.75612E-07	0.35952	2.15074E-05	0.00140
444572.99	3748385.77	28519.22312	0.00114	0.04800	4.47021E-07	0.26123	1.56274E-05	0.00115
444672.99	3748385.77	24425.29614	0.00097	0.04514	4.20386E-07	0.20011	1.19711E-05	0.00099
444772.99	3748385.77	21458.2797	0.00086	0.04235	3.94403E-07	0.15894	9.50819E-06	0.00087
444872.99	3748385.77	19093.05763	0.00076	0.03959	3.68699E-07	0.13002	7.77812E-06	0.00077
444972.99	3748385.77	17116.0284	0.00068	0.03688	3.43461E-07	0.10910	6.52664E-06	0.00069
445072.99	3748385.77	15650.32844	0.00062	0.03459	3.22135E-07	0.09406	5.62691E-06	0.00063
445172.99	3748385.77	14355.38164	0.00057	0.03245	3.02205E-07	0.08225	4.92040E-06	0.00058
445272.99	3748385.77	13289.49325	0.00053	0.03060	2.84976E-07	0.07301	4.36764E-06	0.00054
445372.99	3748385.77	12365.95918	0.00049	0.02896	2.69703E-07	0.06545	3.91538E-06	0.00050
445472.99	3748385.77	11571.5457	0.00046	0.02752	2.56292E-07	0.05909	3.53491E-06	0.00047
445572.99	3748385.77	10825.19526	0.00043	0.02613	2.43347E-07	0.05365	3.20948E-06	0.00044
444172.99	3748485.77	89685.51685	0.00358	0.07524	7.00706E-07	5.06212	3.02829E-04	0.00388
444272.99	3748485.77	62133.63553	0.00248	0.06870	6.39799E-07	2.14399	1.28259E-04	0.00261
444372.99	3748485.77	46583.3218	0.00186	0.06349	5.91279E-07	0.83445	4.99189E-05	0.00191
444472.99	3748485.77	36530.82707	0.00146	0.05844	5.44248E-07	0.48158	2.88093E-05	0.00149
444572.99	3748485.77	29821.32815	0.00119	0.05371	5.00198E-07	0.32045	1.91701E-05	0.00121
444672.99	3748485.77	25128.54728	0.00100	0.04936	4.59687E-07	0.23094	1.38154E-05	0.00102
444772.99	3748485.77	21713.03776	0.00087	0.04543	4.23087E-07	0.17660	1.05647E-05	0.00088
444872.99	3748485.77	19210.106	0.00077	0.04206	3.91702E-07	0.14200	8.49480E-06	0.00078
444972.99	3748485.77	17183.45004	0.00069	0.03897	3.62925E-07	0.11790	7.05307E-06	0.00069
445072.99	3748485.77	15518.91931	0.00062	0.03620	3.37128E-07	0.10022	5.99541E-06	0.00063
445172.99	3748485.77	14238.49138	0.00057	0.03394	3.16081E-07	0.08706	5.20815E-06	0.00057
445272.99	3748485.77	13125.00088	0.00052	0.03188	2.96896E-07	0.07651	4.57702E-06	0.00053
445372.99	3748485.77	12220.60258	0.00049	0.03017	2.80971E-07	0.06798	4.06673E-06	0.00049
445472.99	3748485.77	11400.74121	0.00045	0.02856	2.65978E-07	0.06088	3.64199E-06	0.00046
445572.99	3748485.77	10683.87176	0.00043	0.02714	2.52753E-07	0.05492	3.28545E-06	0.00043
443047.86	3748855.7	210012.8747	0.00838	1.16706	1.08688E-05	0.03895	2.33009E-06	0.00839
443030.11	3748868.74	202622.1856	0.00809	0.99029	9.22251E-06	0.03798	2.27206E-06	0.00810
443016.91	3748884.58	220213.9166	0.00879	0.88024	8.19762E-06	0.03706	2.21702E-06	0.00880
442999.31	3748898.66	211000.3739	0.00842	0.76221	7.09842E-06	0.03613	2.16139E-06	0.00843
442983.47	3748918.02	220427.9238	0.00880	0.67038	6.24321E-06	0.03512	2.10097E-06	0.00881
442962.35	3748934.74	202222.5618	0.00807	0.57481	5.35317E-06	0.03412	2.04114E-06	0.00808
442947.39	3748948.82	192719.6938	0.00769	0.51727	4.81730E-06	0.03340	1.99807E-06	0.00770
442935.07	3748963.78	192203.6578	0.00767	0.47339	4.40865E-06	0.03274	1.95859E-06	0.00768
442916.59	3748985.78	194353.7418	0.00776	0.41469	3.86198E-06	0.03171	1.89697E-06	0.00776
442898.98	3749001.62	177140.4776	0.00707	0.36979	3.44383E-06	0.03093	1.85031E-06	0.00707
442881.38	3749017.46	155340.8234	0.00620	0.33228	3.09450E-06	0.03026	1.81023E-06	0.00620
442868.18	3749033.31	142109.9448	0.00567	0.30498	2.84026E-06	0.02966	1.77434E-06	0.00568
442854.1	3749046.51	120139.2036	0.00479	0.28105	2.61740E-06	0.02915	1.74383E-06	0.00480
442832.98	3749062.35	86466.1982	0.00345	0.25129	2.34025E-06	0.02848	1.70375E-06	0.00345
442816.26	3749081.71	65380.88559	0.00261	0.22807	2.12400E-06	0.02783	1.66486E-06	0.00261
442801.3	3749094.91	51695.4329	0.00206	0.21126	1.96745E-06	0.02734	1.63555E-06	0.00207
442780.18	3749111.63	39318.28796	0.00157	0.19090	1.77784E-06	0.02669	1.59666E-06	0.00157
442764.34	3749127.47	32709.28705	0.00131	0.17669	1.64550E-06	0.02619	1.56675E-06	0.00131
442750.26	3749130.11	29688.05431	0.00118	0.16864	1.57053E-06	0.02597	1.55359E-06	0.00119
442722.1	3749138.03	24768.17223	0.00099	0.15355	1.43000E-06	0.02549	1.52488E-06	0.00099
442705.38	3749146.83	22404.14596	0.00089	0.14457	1.34637E-06	0.02511	1.50214E-06	0.00090
442678.1	3749144.19	20231.02573	0.00081	0.13481	1.25548E-06	0.02478	1.48240E-06	0.00081
442659.62	3749147.71	18786.18742	0.00075	0.12784	1.19057E-06	0.02448	1.46446E-06	0.00075
442638.49	3749145.07	17606.57505	0.00070	0.12161	1.13255E-06	0.02423	1.44950E-06	0.00071

442662.26	3749101.07	20772.64481	0.00083	0.13666	1.27271E-06	0.02523	1.50932E-06	0.00083
442694.82	3749095.79	24087.61576	0.00096	0.15076	1.40402E-06	0.02579	1.54282E-06	0.00096
442709.78	3749094.03	25988.60316	0.00104	0.15790	1.47051E-06	0.02604	1.55778E-06	0.00104
442730.02	3749086.99	29427.25996	0.00117	0.16957	1.57920E-06	0.02647	1.58350E-06	0.00118
442752.02	3749068.51	34986.54241	0.00140	0.18672	1.73891E-06	0.02715	1.62418E-06	0.00140
442796.9	3749035.95	51002.74456	0.00204	0.22883	2.13108E-06	0.02854	1.70733E-06	0.00204
442817.14	3749007.78	57950.67101	0.00231	0.25664	2.39007E-06	0.02949	1.76417E-06	0.00232
442845.3	3748987.54	71715.26817	0.00286	0.29572	2.75402E-06	0.03044	1.82100E-06	0.00287
442865.54	3748973.46	82989.47291	0.00331	0.32894	3.06340E-06	0.03113	1.86227E-06	0.00332
442840.9	3748956.74	60505.14351	0.00241	0.29743	2.76995E-06	0.03105	1.85749E-06	0.00242
442888.42	3748944.42	86702.41897	0.00346	0.37644	3.50576E-06	0.03234	1.93466E-06	0.00347
442871.7	3748932.1	69369.71374	0.00277	0.34792	3.24016E-06	0.03230	1.93227E-06	0.00277
442872.58	3748910.98	63308.89916	0.00253	0.35178	3.27611E-06	0.03282	1.96337E-06	0.00253
442880.5	3748896.9	62905.42944	0.00251	0.36682	3.41617E-06	0.03335	1.99508E-06	0.00252
442906.02	3748895.14	75267.11039	0.00300	0.42037	3.91488E-06	0.03399	2.03337E-06	0.00301
442925.39	3748905.7	93494.90827	0.00373	0.46767	4.35538E-06	0.03421	2.04653E-06	0.00374
442928.03	3748871.38	76464.68309	0.00305	0.47456	4.41955E-06	0.03520	2.10575E-06	0.00306
442942.99	3748881.94	92304.92789	0.00368	0.52148	4.85651E-06	0.03529	2.11114E-06	0.00369
442959.71	3748871.38	98151.40109	0.00392	0.58004	5.40188E-06	0.03602	2.15481E-06	0.00392
442923.63	3748842.34	62944.78799	0.00251	0.45462	4.23385E-06	0.03590	2.14763E-06	0.00252
442937.71	3748821.22	60657.23003	0.00242	0.48229	4.49154E-06	0.03692	2.20865E-06	0.00243
442971.15	3748822.98	74911.66051	0.00299	0.60302	5.61589E-06	0.03781	2.26189E-06	0.00300
442986.11	3748841.46	95832.1247	0.00382	0.68802	6.40749E-06	0.03763	2.25112E-06	0.00383
442985.23	3748812.42	75851.49547	0.00303	0.65520	6.10184E-06	0.03857	2.30735E-06	0.00304
443001.95	3748822.1	90383.00519	0.00361	0.75575	7.03825E-06	0.03878	2.31992E-06	0.00362
443063.55	3748836.18	185637.3896	0.00741	1.36712	1.27319E-05	0.04016	2.40247E-06	0.00742
443064.43	3748815.06	138633.1395	0.00553	1.34855	1.25590E-05	0.04095	2.44973E-06	0.00555
443051.23	3748791.3	99745.47349	0.00398	1.11035	1.03406E-05	0.04124	2.46708E-06	0.00399
443003.71	3748799.22	76578.1778	0.00306	0.73147	6.81214E-06	0.03961	2.36957E-06	0.00307
442974.67	3748795.7	63979.92921	0.00255	0.58480	5.44621E-06	0.03881	2.32171E-06	0.00256
443038.91	3748779.86	83682.53834	0.00334	0.94633	8.81311E-06	0.04126	2.46828E-06	0.00335
443027.47	3748759.61	68011.07879	0.00271	0.78572	7.31736E-06	0.04165	2.49161E-06	0.00272
443023.95	3748743.77	61456.1562	0.00245	0.71380	6.64758E-06	0.04207	2.51673E-06	0.00246
443008.99	3748724.41	52834.20768	0.00211	0.58681	5.46493E-06	0.04223	2.52630E-06	0.00212
443008.99	3748702.41	48812.67458	0.00195	0.53777	5.00822E-06	0.04294	2.56878E-06	0.00196
443097.87	3748795.7	144509.399	0.00577	1.95322	1.81902E-05	0.04273	2.55622E-06	0.00579
443090.83	3748778.98	112513.4431	0.00449	1.64624	1.53313E-05	0.04303	2.57416E-06	0.00451
443071.47	3748764.01	89735.28573	0.00358	1.22125	1.13734E-05	0.04280	2.56040E-06	0.00360
443064.43	3748742.01	75079.60815	0.00300	1.01173	9.42218E-06	0.04326	2.58792E-06	0.00301
443051.23	3748723.53	64913.31441	0.00259	0.82158	7.65132E-06	0.04336	2.59390E-06	0.00260
443042.43	3748707.69	58084.14359	0.00232	0.70747	6.58863E-06	0.04365	2.61125E-06	0.00233
443042.43	3748691.85	54575.3697	0.00218	0.65272	6.07874E-06	0.04419	2.64356E-06	0.00219
443141.87	3748742.01	92508.44877	0.00369	2.29450	2.13685E-05	0.04659	2.78713E-06	0.00372
443121.63	3748726.17	79821.55011	0.00319	1.53496	1.42950E-05	0.04631	2.77038E-06	0.00320
443107.55	3748705.05	69228.67506	0.00276	1.11935	1.04244E-05	0.04645	2.77876E-06	0.00278
443088.19	3748676.01	58785.20774	0.00235	0.78875	7.34558E-06	0.04662	2.78893E-06	0.00236
443145.39	3748708.57	76310.63869	0.00305	1.53184	1.42659E-05	0.04817	2.88165E-06	0.00306
443176.19	3748679.53	72940.98443	0.00291	1.23576	1.15086E-05	0.05108	3.05573E-06	0.00293
443103.15	3748670.73	59844.50534	0.00239	0.82510	7.68411E-06	0.04755	2.84456E-06	0.00240
443230.76	3748790.42	130882.1845	0.00522	18.60532	1.73270E-04	0.04933	2.95104E-06	0.00540
443242.2	3748767.54	114843.5176	0.00458	6.59912	6.14572E-05	0.05107	3.05514E-06	0.00465
443255.4	3748742.89	106729.7963	0.00426	3.31496	3.08720E-05	0.05299	3.16999E-06	0.00429
443265.08	3748712.97	101194.9204	0.00404	1.91868	1.78685E-05	0.05509	3.29562E-06	0.00406
443278.28	3748687.45	103454.928	0.00413	1.34529	1.25286E-05	0.05722	3.42304E-06	0.00414
443297.64	3748659.29	115486.7744	0.00461	0.95696	8.91211E-06	0.06029	3.60670E-06	0.00462
443306.44	3748793.94	176747.1812	0.00705	5.89623	5.49112E-05	0.05284	3.16102E-06	0.00711
443339.88	3748786.02	218855.1373	0.00873	3.56274	3.31796E-05	0.05536	3.31177E-06	0.00877
443371.56	3748768.42	254359.1701	0.01015	2.13893	1.99197E-05	0.05886	3.52115E-06	0.01017
443392.68	3748756.97	283191.5399	0.01130	1.62568	1.51399E-05	0.06126	3.66473E-06	0.01132

443418.2	3748739.37	305319.471	0.01218	1.17862	1.09764E-05	0.06463	3.86633E-06	0.01220
443444.6	3748724.41	331339.4108	0.01322	0.91862	8.55505E-06	0.06799	4.06733E-06	0.01324
443471.89	3748711.21	352629.5049	0.01407	0.73086	6.80645E-06	0.07205	4.31021E-06	0.01408
443496.53	3748694.49	350021.8916	0.01397	0.59044	5.49873E-06	0.07635	4.56745E-06	0.01398
443525.57	3748681.29	373050.6798	0.01489	0.49316	4.59277E-06	0.08106	4.84921E-06	0.01490
443548.45	3748668.09	358960.5146	0.01433	0.42023	3.91358E-06	0.08582	5.13397E-06	0.01433
443583.65	3748651.37	400462.1822	0.01598	0.34539	3.21660E-06	0.09328	5.58024E-06	0.01599
443383	3748960.26	133538.0916	0.00533	5.96445	5.55466E-05	0.04935	2.95224E-06	0.00539
443380.36	3748936.5	162270.5185	0.00648	5.89136	5.48659E-05	0.05043	3.01685E-06	0.00653
443370.68	3748910.1	240582.1946	0.00960	6.18113	5.75645E-05	0.05127	3.06710E-06	0.00966
443386.52	3748896.02	322411.9068	0.01287	4.83508	4.50288E-05	0.05297	3.16880E-06	0.01292
443423.48	3748874.9	363290.0509	0.01450	2.97689	2.77236E-05	0.05666	3.38954E-06	0.01453
443448.13	3748859.94	361474.4992	0.01443	2.21746	2.06511E-05	0.05943	3.55525E-06	0.01445
443465.73	3748849.38	354929.9898	0.01416	1.82300	1.69775E-05	0.06153	3.68088E-06	0.01419
443497.41	3748829.14	347474.2568	0.01387	1.30052	1.21117E-05	0.06580	3.93632E-06	0.01388
443513.25	3748820.34	340577.5219	0.01359	1.11900	1.04212E-05	0.06803	4.06973E-06	0.01361
443539.65	3748809.78	331234.3433	0.01322	0.91433	8.51510E-06	0.07150	4.27731E-06	0.01323
443559.89	3748803.62	323858.7384	0.01292	0.80175	7.46665E-06	0.07415	4.43584E-06	0.01294
443581.89	3748796.58	322121.9668	0.01286	0.69818	6.50211E-06	0.07732	4.62548E-06	0.01287
443602.13	3748793.06	309344.0996	0.01235	0.62524	5.82282E-06	0.08023	4.79956E-06	0.01236
443624.13	3748791.3	291487.2123	0.01163	0.56369	5.24961E-06	0.08339	4.98860E-06	0.01164
443642.61	3748786.9	297983.1885	0.01189	0.51578	4.80343E-06	0.08641	5.16926E-06	0.01190
443661.09	3748783.38	296862.9946	0.01185	0.47409	4.41517E-06	0.08960	5.36010E-06	0.01186
443683.97	3748786.02	260171.5022	0.01038	0.43928	4.09099E-06	0.09310	5.56948E-06	0.01039
443535.25	3748597.69	405540.8033	0.01618	0.30735	2.86233E-06	0.09326	5.57905E-06	0.01619
443511.49	3748617.05	378274.7669	0.01510	0.36228	3.37389E-06	0.08701	5.20516E-06	0.01510
443491.25	3748637.29	353207.8124	0.01410	0.42749	3.98119E-06	0.08190	4.89946E-06	0.01410
443468.37	3748647.85	375088.9332	0.01497	0.49445	4.60478E-06	0.07778	4.65299E-06	0.01498
443441.08	3748674.25	298445.2561	0.01191	0.63096	5.87609E-06	0.07252	4.33833E-06	0.01192
443414.68	3748689.21	265378.8818	0.01059	0.78643	7.32397E-06	0.06850	4.09784E-06	0.01060
443389.16	3748705.93	212270.8218	0.00847	1.01202	9.42488E-06	0.06472	3.87171E-06	0.00848
443307.32	3748632.01	122183.1853	0.00488	0.73870	6.87947E-06	0.06289	3.76224E-06	0.00489
443322.28	3748600.33	127391.4149	0.00508	0.57308	5.33706E-06	0.06657	3.98238E-06	0.00509
443336.36	3748572.17	129774.9112	0.00518	0.46485	4.32912E-06	0.07031	4.20612E-06	0.00519
443355.72	3748617.05	213655.3247	0.00853	0.60380	5.62315E-06	0.06799	4.06733E-06	0.00854
443377.72	3748583.61	244593.9398	0.00976	0.47082	4.38472E-06	0.07286	4.35867E-06	0.00977
443387.4	3748555.45	224604.3893	0.00896	0.40157	3.73980E-06	0.07670	4.58839E-06	0.00897
443399.72	3748531.69	244972.8528	0.00978	0.35276	3.28523E-06	0.08038	4.80853E-06	0.00978
443409.4	3748510.57	274026.1709	0.01094	0.31619	2.94466E-06	0.08379	5.01253E-06	0.01094
443339.88	3748550.17	123263.4873	0.00492	0.40894	3.80843E-06	0.07252	4.33833E-06	0.00493
443358.36	3748517.61	126440.3269	0.00505	0.33399	3.11043E-06	0.07783	4.65599E-06	0.00505
443360.12	3748489.44	120131.7484	0.00479	0.29734	2.76911E-06	0.08068	4.82648E-06	0.00480
443372.44	3748464.8	126718.464	0.00506	0.27139	2.52744E-06	0.08451	5.05560E-06	0.00506
443394.44	3748441.04	127907.8979	0.00510	0.23966	2.23194E-06	0.09104	5.44624E-06	0.00511
443497.41	3748439.28	353276.6159	0.01410	0.21416	1.99446E-06	0.10909	6.52604E-06	0.01411
443522.05	3748422.56	264411.2593	0.01055	0.19356	1.80261E-06	0.11899	7.11828E-06	0.01056
443541.41	3748404.08	218742.6918	0.00873	0.17629	1.64178E-06	0.12900	7.71710E-06	0.00874
443557.25	3748392.64	199557.137	0.00796	0.16445	1.53151E-06	0.13736	8.21722E-06	0.00797
443580.13	3748376.8	194395.3589	0.00776	0.15282	1.42320E-06	0.14988	8.96620E-06	0.00777
443602.13	3748365.36	197044.8026	0.00786	0.14348	1.33622E-06	0.16263	9.72893E-06	0.00787
443623.25	3748346	187984.3226	0.00750	0.13391	1.24710E-06	0.18017	1.07782E-05	0.00751
443653.17	3748335.44	216495.8984	0.00864	0.12619	1.17520E-06	0.20126	1.20399E-05	0.00865
443671.65	3748321.36	212457.187	0.00848	0.11948	1.11271E-06	0.22207	1.32848E-05	0.00849
443508.85	3748368.88	128953.6368	0.00515	0.16704	1.55563E-06	0.12895	7.71411E-06	0.00516
443479.81	3748380.32	128402.5187	0.00512	0.18019	1.67810E-06	0.11823	7.07282E-06	0.00513
443526.45	3748355.68	123579.4457	0.00493	0.15704	1.46250E-06	0.13799	8.25491E-06	0.00494
443548.45	3748339.84	119664.9572	0.00478	0.14651	1.36444E-06	0.15056	9.00688E-06	0.00479
443571.33	3748324	119197.4498	0.00476	0.13798	1.28500E-06	0.16529	9.88806E-06	0.00477
443590.69	3748310.8	117525.8448	0.00469	0.13064	1.21664E-06	0.18006	1.07716E-05	0.00470

443612.69	3748296.72	114473.0413	0.00457	0.12227	1.13869E-06	0.19979	1.19519E-05	0.00458
443636.45	3748282.64	114501.4989	0.00457	0.11520	1.07285E-06	0.22442	1.34254E-05	0.00458
443654.93	3748265.92	108413.3303	0.00433	0.10826	1.00822E-06	0.25278	1.51219E-05	0.00434
443672.53	3748246.56	100775.6636	0.00402	0.10162	9.46381E-07	0.28994	1.73449E-05	0.00404
443689.25	3748231.6	95613.01562	0.00382	0.09609	8.94880E-07	0.33041	1.97660E-05	0.00384
443706.85	3748215.75	91198.51138	0.00364	0.09111	8.48502E-07	0.38476	2.30173E-05	0.00366
443691.02	3748297.6	180994.3228	0.00722	0.11046	1.02871E-06	0.25717	1.53846E-05	0.00724
443707.74	3748282.64	162954.5199	0.00650	0.10320	9.61095E-07	0.29131	1.74269E-05	0.00652
443725.34	3748266.8	146672.4254	0.00585	0.09571	8.91341E-07	0.33591	2.00950E-05	0.00587
443741.18	3748257.12	143450.6011	0.00572	0.09082	8.45801E-07	0.37639	2.25166E-05	0.00575
443759.66	3748243.03	143769.7542	0.00574	0.08760	8.15813E-07	0.44484	2.66114E-05	0.00577
443773.74	3748221.03	124319.4596	0.00496	0.08257	7.68969E-07	0.54504	3.26057E-05	0.00499
443794.86	3748203.43	119731.5823	0.00478	0.07863	7.32276E-07	0.71810	4.29585E-05	0.00482
443813.34	3748185.83	114038.1324	0.00455	0.07565	7.04524E-07	1.00550	6.01515E-05	0.00461
443824.78	3748163.83	97942.50927	0.00391	0.07271	6.77144E-07	1.51251	9.04821E-05	0.00400
443842.38	3748150.63	93928.81141	0.00375	0.07049	6.56469E-07	2.68803	1.60805E-04	0.00391
443794.86	3748123.35	66863.12323	0.00267	0.07120	6.63081E-07	1.68129	1.00579E-04	0.00277
443808.06	3748106.63	63660.40179	0.00254	0.06927	6.45107E-07	3.08244	1.84399E-04	0.00273
443773.74	3748145.35	71632.66635	0.00286	0.07490	6.97539E-07	0.97415	5.82761E-05	0.00292
443762.3	3748169.11	80258.68697	0.00320	0.07859	7.31904E-07	0.71543	4.27988E-05	0.00325
443749.1	3748183.19	84442.02833	0.00337	0.08163	7.60215E-07	0.58754	3.51481E-05	0.00341
443724.46	3748197.27	85906.21693	0.00343	0.08641	8.04731E-07	0.46341	2.77223E-05	0.00346
443669.01	3748506.17	456278.4236	0.01821	0.16757	1.56057E-06	0.14126	8.45053E-06	0.01822
443691.02	3748531.69	421421.424	0.01682	0.16827	1.56709E-06	0.14170	8.47685E-06	0.01683
443709.5	3748544.89	408531.8123	0.01630	0.16773	1.56206E-06	0.14405	8.61743E-06	0.01631
443731.5	3748574.81	488479.0595	0.01949	0.17863	1.66357E-06	0.14217	8.50497E-06	0.01950
443760.54	3748588.01	492227.4151	0.01964	0.17756	1.65361E-06	0.14773	8.83758E-06	0.01965
443782.54	3748564.25	368499.4921	0.01471	0.15708	1.46288E-06	0.16425	9.82585E-06	0.01472
443807.18	3748539.61	319286.6409	0.01274	0.14048	1.30828E-06	0.18532	1.10863E-05	0.01275
443826.54	3748515.85	295794.0235	0.01180	0.12810	1.19299E-06	0.20785	1.24341E-05	0.01182
443852.94	3748491.21	291598.55	0.01164	0.11605	1.08077E-06	0.24221	1.44896E-05	0.01165
443863.5	3748470.09	277268.5411	0.01107	0.10896	1.01474E-06	0.26879	1.60797E-05	0.01108
443881.98	3748439.28	262953.8267	0.01049	0.09933	9.25054E-07	0.32376	1.93681E-05	0.01051
443881.1	3748410.24	241788.1868	0.00965	0.09414	8.76720E-07	0.36454	2.18077E-05	0.00967
443899.59	3748423.44	266522.7554	0.01064	0.09391	8.74578E-07	0.37503	2.24352E-05	0.01066
443891.66	3748384.72	235403.7434	0.00939	0.08859	8.25033E-07	0.43548	2.60515E-05	0.00942
443911.07	3748370.97	234941.6867	0.00938	0.08415	7.83684E-07	0.52822	3.15994E-05	0.00941
443929.51	3748345.54	235422.6524	0.00940	0.07917	7.37305E-07	0.71749	4.29221E-05	0.00944
443939.05	3748329.01	231931.1024	0.00926	0.07629	7.10484E-07	0.90372	5.40628E-05	0.00931
443954.95	3748309.93	224662.7903	0.00897	0.07269	6.76958E-07	1.34686	8.05725E-05	0.00905
443975.29	3748291.49	204705.4954	0.00817	0.06867	6.39520E-07	2.68357	1.60538E-04	0.00833
443932.69	3748260.34	287598.7256	0.01148	0.07062	6.57680E-07	2.00544	1.19970E-04	0.01160
443907.9	3748288.95	305443.0448	0.01219	0.07634	7.10950E-07	0.96108	5.74942E-05	0.01225
443892	3748306.75	297497.9152	0.01187	0.07984	7.43545E-07	0.71213	4.26014E-05	0.01192
443878.65	3748325.19	283314.3591	0.01131	0.08332	7.75954E-07	0.56682	3.39086E-05	0.01134
443864.66	3748341.09	277314.9959	0.01107	0.08690	8.09294E-07	0.47230	2.82542E-05	0.01110
443848.13	3748357.62	283187.1332	0.01130	0.09170	8.53997E-07	0.39491	2.36245E-05	0.01133
443829.69	3748376.69	283464.7409	0.01131	0.09708	9.04100E-07	0.33284	1.99113E-05	0.01133
443795.99	3748384.96	330485.0607	0.01319	0.10430	9.71340E-07	0.28063	1.67880E-05	0.01321
443774.37	3748402.76	337392.4264	0.01346	0.11110	1.03467E-06	0.24472	1.46398E-05	0.01348
443747.03	3748423.75	362819.9905	0.01448	0.12136	1.13022E-06	0.21012	1.25699E-05	0.01449
443723.5	3748442.19	373955.1071	0.01492	0.13046	1.21497E-06	0.18720	1.11988E-05	0.01494
443705.7	3748458.72	369782.5154	0.01476	0.13769	1.28230E-06	0.17199	1.02889E-05	0.01477
443678.36	3748482.88	427820.1458	0.01707	0.15520	1.44537E-06	0.15160	9.06909E-06	0.01708
443730.5	3748499.41	305459.9715	0.01219	0.14289	1.33073E-06	0.16694	9.98677E-06	0.01220
443747.03	3748481.61	284789.4186	0.01137	0.13315	1.24002E-06	0.18177	1.08739E-05	0.01138
443773.1	3748465.71	271642.7095	0.01084	0.12426	1.15723E-06	0.20301	1.21446E-05	0.01085
443753.39	3748477.79	281119.2025	0.01122	0.13094	1.21944E-06	0.18654	1.11593E-05	0.01123
443778.19	3748500.05	270269.4517	0.01079	0.13241	1.23313E-06	0.18874	1.12909E-05	0.01080

443792.17	3748480.97	261838.4611	0.01045	0.12460	1.16039E-06	0.20589	1.23169E-05	0.01046
443816.97	3748455.54	251020.7707	0.01002	0.11355	1.05748E-06	0.23930	1.43155E-05	0.01003
443801.08	3748442.82	261440.0038	0.01043	0.11384	1.06018E-06	0.23592	1.41133E-05	0.01045
443815.7	3748424.38	259012.8826	0.01034	0.10744	1.00058E-06	0.26322	1.57465E-05	0.01035
443834.14	3748437.73	246496.7145	0.00984	0.10672	9.93877E-07	0.26917	1.61024E-05	0.00985
443855.06	3748084.13	61799.66135	0.00247	0.06504	6.05714E-07	6.01320	3.59725E-04	0.00283
443836.57	3748062.13	56032.7779	0.00224	0.06437	5.99474E-07	5.79532	3.46691E-04	0.00258
443812.81	3748041	51684.6916	0.00206	0.06350	5.91372E-07	6.67524	3.99330E-04	0.00246
443769.68	3747996.11	45635.97821	0.00182	0.06030	5.61570E-07	6.98573	4.17904E-04	0.00224
443828.65	3748013.72	50659.10459	0.00202	0.06054	5.63805E-07	2.78547	1.66634E-04	0.00219
443816.33	3747989.95	48575.81104	0.00194	0.05803	5.40430E-07	2.39973	1.43558E-04	0.00208
443813.69	3747954.75	48915.81268	0.00195	0.05449	5.07462E-07	1.74138	1.04174E-04	0.00206
443764.4	3747961.79	44535.53706	0.00178	0.05701	5.30931E-07	3.65084	2.18402E-04	0.00200
443730.07	3747945.06	41823.34905	0.00167	0.05700	5.30838E-07	5.74477	3.43667E-04	0.00201
443706.31	3747923.06	40452.93799	0.00161	0.05690	5.29906E-07	6.68435	3.99875E-04	0.00201
443688.7	3747902.81	39174.00753	0.00156	0.05633	5.24598E-07	6.47949	3.87619E-04	0.00195
443664.94	3747880.81	36872.73387	0.00147	0.05537	5.15657E-07	7.20237	4.30864E-04	0.00190
443646.45	3747852.64	35241.6559	0.00141	0.05394	5.02340E-07	6.00744	3.59380E-04	0.00177
443619.17	3747824.48	33242.45766	0.00133	0.05294	4.93027E-07	6.20254	3.71052E-04	0.00170
443604.2	3747805.99	32506.68567	0.00130	0.05241	4.88091E-07	6.17267	3.69265E-04	0.00167
443618.29	3747776.95	33236.16689	0.00133	0.05016	4.67137E-07	3.76424	2.25186E-04	0.00155
443639.41	3747752.3	34331.70064	0.00137	0.04796	4.46649E-07	3.36329	2.01200E-04	0.00157
443670.22	3747725.02	36521.08788	0.00146	0.04555	4.24204E-07	2.98399	1.78510E-04	0.00164
443702.78	3747688.05	39812.2897	0.00159	0.04294	3.99898E-07	4.06299	2.43058E-04	0.00183
443684.3	3747671.33	37167.7708	0.00148	0.04259	3.96638E-07	5.08300	3.04078E-04	0.00179
443719.51	3747704.77	42664.42001	0.00170	0.04327	4.02971E-07	3.72080	2.22588E-04	0.00193
443730.07	3747724.14	45137.71607	0.00180	0.04398	4.09583E-07	3.08482	1.84542E-04	0.00199
443752.96	3747739.98	50657.38891	0.00202	0.04419	4.11539E-07	3.37538	2.01924E-04	0.00222
443766.16	3747760.22	55392.65205	0.00221	0.04511	4.20107E-07	3.03239	1.81405E-04	0.00239
443789.04	3747782.23	63467.92964	0.00253	0.04558	4.24484E-07	3.15003	1.88443E-04	0.00272
443802.25	3747798.07	69610.52997	0.00278	0.04615	4.29792E-07	3.07128	1.83732E-04	0.00296
443819.85	3747817.44	80861.22878	0.00323	0.04714	4.39012E-07	3.19504	1.91135E-04	0.00342
443838.33	3747832.4	95417.30965	0.00381	0.04773	4.44507E-07	3.61888	2.16490E-04	0.00402
443855.06	3747848.24	108077.3321	0.00431	0.04829	4.49722E-07	3.77117	2.25601E-04	0.00454
443868.26	3747867.61	107478.3622	0.00429	0.04896	4.55961E-07	3.23179	1.93334E-04	0.00448
443885.86	3747890.49	100963.6386	0.00403	0.04954	4.61363E-07	2.53092	1.51406E-04	0.00418
443905.23	3747909.86	96406.84229	0.00385	0.05010	4.66578E-07	1.75664	1.05087E-04	0.00395
443919.31	3747930.1	87632.65741	0.00350	0.05155	4.80082E-07	1.20510	7.20921E-05	0.00357
443942.2	3747945.94	93483.86671	0.00373	0.05380	5.01036E-07	0.95157	5.69253E-05	0.00379
443955.4	3747961.79	78874.55307	0.00315	0.05356	4.98801E-07	0.87148	5.21341E-05	0.00320
443984.44	3747930.1	131764.2959	0.00526	0.05010	4.66578E-07	0.90306	5.40233E-05	0.00531
443991.49	3747911.62	195341.5094	0.00780	0.04869	4.53447E-07	1.00199	5.99416E-05	0.00786
443994.13	3747889.61	301239.2755	0.01202	0.04774	4.44600E-07	1.12807	6.74840E-05	0.01209
444004.69	3747868.49	284421.8857	0.01135	0.04543	4.23087E-07	1.09530	6.55236E-05	0.01142
444006.45	3747849.12	309689.0566	0.01236	0.04448	4.14240E-07	1.05810	6.32982E-05	0.01242
444014.37	3747831.52	306032.0132	0.01221	0.04342	4.04368E-07	0.93711	5.60603E-05	0.01227
444017.01	3747807.75	333814.2396	0.01332	0.04266	3.97290E-07	0.84804	5.07319E-05	0.01337
444024.93	3747790.15	333127.0634	0.01329	0.04191	3.90305E-07	0.74949	4.48364E-05	0.01334
444036.38	3747768.15	325770.5392	0.01300	0.04092	3.81085E-07	0.63974	3.82709E-05	0.01304
444047.82	3747747.9	321250.3887	0.01282	0.03998	3.72331E-07	0.55370	3.31237E-05	0.01285
444058.38	3747728.54	318280.5976	0.01270	0.03899	3.63111E-07	0.48451	2.89846E-05	0.01273
444071.58	3747710.05	306678.1823	0.01224	0.03797	3.53612E-07	0.42185	2.52361E-05	0.01226
444086.55	3747695.97	282912.5283	0.01129	0.03707	3.45231E-07	0.37297	2.23120E-05	0.01131
444102.39	3747681.89	259155.2597	0.01034	0.03619	3.37035E-07	0.33058	1.97761E-05	0.01036
444114.71	3747666.93	248627.9297	0.00992	0.03551	3.30702E-07	0.29847	1.78552E-05	0.00994
444132.32	3747655.48	223984.1903	0.00894	0.03480	3.24090E-07	0.26901	1.60929E-05	0.00896
444112.95	3747621.16	296579.2566	0.01184	0.03418	3.18316E-07	0.25090	1.50095E-05	0.01185
443727.52	3747635.24	43376.31039	0.00173	0.04043	3.76522E-07	6.31366	3.77699E-04	0.00211
443741.61	3747647.56	46439.53042	0.00185	0.04062	3.78292E-07	5.92585	3.54499E-04	0.00221

443754.81	3747668.68	49387.0663	0.00197	0.04097	3.81551E-07	7.04947	4.21717E-04	0.00239
443769.77	3747684.53	53007.59256	0.00212	0.04104	3.82203E-07	6.76168	4.04501E-04	0.00252
443780.34	3747695.09	58000.46143	0.00231	0.04163	3.87698E-07	5.95544	3.56269E-04	0.00267
443797.06	3747714.46	66412.93594	0.00265	0.04244	3.95241E-07	5.92756	3.54602E-04	0.00301
443809.38	3747727.66	74321.9241	0.00297	0.04307	4.01108E-07	5.76002	3.44579E-04	0.00331
443823.47	3747745.26	86468.07186	0.00345	0.04403	4.10049E-07	5.97293	3.57316E-04	0.00381
443846.35	3747775.19	110938.7016	0.00443	0.04498	4.18896E-07	7.26984	4.34900E-04	0.00486
443860.44	3747786.63	133146.7479	0.00531	0.04517	4.20665E-07	6.62934	3.96584E-04	0.00571
443868.36	3747769.91	143596.4352	0.00573	0.04426	4.12191E-07	3.78965	2.26706E-04	0.00596
443879.8	3747749.66	156618.4513	0.00625	0.04304	4.00829E-07	2.30912	1.38137E-04	0.00639
443887.72	3747723.26	157150.1708	0.00627	0.04147	3.86208E-07	1.58687	9.49305E-05	0.00637
443892.12	3747702.13	152859.4486	0.00610	0.04014	3.73821E-07	1.26552	7.57066E-05	0.00618
443895.64	3747682.77	145153.2997	0.00579	0.03867	3.60131E-07	1.03668	6.20168E-05	0.00586
443893	3747660.76	133927.3574	0.00534	0.03768	3.50912E-07	0.88406	5.28867E-05	0.00540
443893.88	3747640.52	132372.2907	0.00528	0.03695	3.44113E-07	0.74881	4.47957E-05	0.00533
443897.41	3747621.15	135615.1023	0.00541	0.03625	3.37594E-07	0.62783	3.75584E-05	0.00545
443900.05	3747604.43	137993.9268	0.00551	0.03567	3.32193E-07	0.54178	3.24106E-05	0.00554
443899.17	3747585.94	134182.7558	0.00536	0.03510	3.26884E-07	0.47008	2.81214E-05	0.00538
443901.81	3747563.94	136289.9025	0.00544	0.03445	3.20831E-07	0.39441	2.35946E-05	0.00546
443901.81	3747546.33	134571.5707	0.00537	0.03400	3.16640E-07	0.34870	2.08601E-05	0.00539
443904.45	3747526.97	137485.8622	0.00549	0.03353	3.12263E-07	0.30577	1.82919E-05	0.00551
443903.57	3747507.6	133394.9761	0.00532	0.03307	3.07979E-07	0.27209	1.62771E-05	0.00534
443901.81	3747487.36	127174.1352	0.00508	0.03258	3.03416E-07	0.24264	1.45153E-05	0.00509
443905.33	3747466.23	129276.3411	0.00516	0.03202	2.98200E-07	0.21521	1.28744E-05	0.00517
443904.45	3747445.99	120244.3566	0.00480	0.03124	2.90936E-07	0.18890	1.13005E-05	0.00481
443903.57	3747429.26	114924.3563	0.00459	0.03078	2.86652E-07	0.17221	1.03020E-05	0.00460
443904.45	3747407.26	113101.66	0.00451	0.03028	2.81996E-07	0.15612	9.33949E-06	0.00452
443903.57	3747388.77	109692.9648	0.00438	0.02991	2.78550E-07	0.14457	8.64854E-06	0.00439
443900.93	3747365.01	104609.1226	0.00417	0.02949	2.74639E-07	0.13203	7.89837E-06	0.00418
443894.76	3747341.24	96282.87578	0.00384	0.02916	2.71565E-07	0.12141	7.26305E-06	0.00385
443891.24	3747320.99	91690.81929	0.00366	0.02885	2.68678E-07	0.11276	6.74559E-06	0.00367
443886.84	3747302.51	86317.79193	0.00344	0.02860	2.66350E-07	0.10563	6.31905E-06	0.00345
443883.32	3747278.74	81701.79594	0.00326	0.02824	2.62997E-07	0.09732	5.82193E-06	0.00327
443882.44	3747257.62	79547.63147	0.00317	0.02790	2.59831E-07	0.09077	5.43009E-06	0.00318
443875.4	3747240.89	70741.01891	0.00282	0.02774	2.58341E-07	0.08688	5.19738E-06	0.00283
443862.2	3747223.29	57423.34717	0.00229	0.02761	2.57130E-07	0.08306	4.96886E-06	0.00230
443848.99	3747203.92	46695.88903	0.00186	0.02740	2.55175E-07	0.07875	4.71102E-06	0.00187
443875.4	3747192.48	56044.32292	0.00224	0.02697	2.51170E-07	0.07639	4.56984E-06	0.00224
443893.88	3747174	57616.63347	0.00230	0.02648	2.46607E-07	0.07313	4.37482E-06	0.00230
443900.93	3747150.23	48007.28715	0.00192	0.02608	2.42881E-07	0.06973	4.17142E-06	0.00192
443879.8	3747124.7	35654.70025	0.00142	0.02587	2.40926E-07	0.06557	3.92256E-06	0.00143
443859.56	3747118.54	31640.12558	0.00126	0.02586	2.40833E-07	0.06390	3.82266E-06	0.00127
443821.71	3747120.3	27800.35351	0.00111	0.02597	2.41857E-07	0.06400	3.82864E-06	0.00111
444137.71	3747581.54	244110.9557	0.00974	0.03278	3.05278E-07	0.20115	1.20333E-05	0.00975
444132.43	3747563.06	250396.4687	0.00999	0.03232	3.00994E-07	0.18970	1.13483E-05	0.01000
444122.74	3747541.93	265502.0146	0.01060	0.03195	2.97548E-07	0.18025	1.07830E-05	0.01061
444115.7	3747514.64	263377.4277	0.01051	0.03142	2.92613E-07	0.16693	9.98617E-06	0.01052
444104.26	3747490.88	277250.439	0.01106	0.03101	2.88794E-07	0.15835	9.47289E-06	0.01107
444093.7	3747447.75	271007.6622	0.01082	0.02993	2.78736E-07	0.13946	8.34285E-06	0.01082
444089.29	3747432.78	268737.1995	0.01072	0.02954	2.75104E-07	0.13363	7.99408E-06	0.01073
444084.01	3747410.78	256690.5489	0.01024	0.02889	2.69051E-07	0.12467	7.45807E-06	0.01025
444079.61	3747394.05	245418.7771	0.00979	0.02836	2.64115E-07	0.11775	7.04410E-06	0.00980
444066.41	3747371.17	247680.8844	0.00988	0.02768	2.57782E-07	0.10957	6.55475E-06	0.00989
444065.53	3747356.2	227966.9386	0.00910	0.02731	2.54336E-07	0.10444	6.24786E-06	0.00910
444057.61	3747328.92	208321.7018	0.00831	0.02679	2.49494E-07	0.09841	5.88713E-06	0.00832
444048.8	3747309.55	201861.0104	0.00806	0.02651	2.46886E-07	0.09563	5.72083E-06	0.00806
444041.76	3747289.31	189436.4589	0.00756	0.02623	2.44278E-07	0.09252	5.53478E-06	0.00757
444039.12	3747269.94	170009.6337	0.00678	0.02593	2.41485E-07	0.08903	5.32600E-06	0.00679
444032.08	3747252.34	162563.1689	0.00649	0.02572	2.39529E-07	0.08653	5.17644E-06	0.00649

444026.8	3747232.09	147754.1245	0.00590	0.02544	2.36921E-07	0.08288	4.95809E-06	0.00590
444024.16	3747211.85	126189.0963	0.00504	0.02512	2.33941E-07	0.07863	4.70384E-06	0.00504
444012.71	3747194.24	117450.1872	0.00469	0.02500	2.32823E-07	0.07559	4.52198E-06	0.00469
444009.19	3747178.4	96205.65456	0.00384	0.02482	2.31147E-07	0.07254	4.33952E-06	0.00384
444000.39	3747159.03	73773.40468	0.00294	0.02470	2.30030E-07	0.06955	4.16066E-06	0.00295
443990.71	3747139.67	57233.45518	0.00228	0.02465	2.29564E-07	0.06745	4.03503E-06	0.00229
443987.19	3747122.06	47236.41057	0.00189	0.02451	2.28260E-07	0.06517	3.89863E-06	0.00189
443544.98	3747753.94	28123.99832	0.00112	0.04822	4.49070E-07	3.07110	1.83721E-04	0.00131
443566.91	3747739.32	29073.87144	0.00116	0.04744	4.41806E-07	4.33457	2.59305E-04	0.00142
443582.75	3747705.21	29562.31193	0.00118	0.04544	4.23180E-07	3.08003	1.84255E-04	0.00136
443608.33	3747662.57	30254.62819	0.00121	0.04288	3.99339E-07	2.85244	1.70640E-04	0.00138
443585.18	3747683.28	29279.74671	0.00117	0.04408	4.10514E-07	2.24464	1.34280E-04	0.00130
443664.38	3747610.18	34224.90341	0.00137	0.04028	3.75125E-07	3.23324	1.93421E-04	0.00156
444061.69	3748396.73	199317.0483	0.00795	0.07097	6.60939E-07	2.05389	1.22869E-04	0.00808
443702.16	3748778.14	278696.1536	0.01112	0.40239	3.74743E-06	0.09712	5.80996E-06	0.01113
443720.87	3748761.68	335421.8942	0.01339	0.35706	3.32528E-06	0.10280	6.14975E-06	0.01340
443735.08	3748748.96	382662.4653	0.01527	0.32612	3.03714E-06	0.10761	6.43750E-06	0.01528
443761.27	3748751.2	310706.2388	0.01240	0.30130	2.80599E-06	0.11354	6.79225E-06	0.01241
443781.48	3748750.46	283067.266	0.01130	0.28286	2.63426E-06	0.11880	7.10691E-06	0.01131
443799.43	3748733.25	335303.0038	0.01338	0.25494	2.37424E-06	0.12675	7.58250E-06	0.01339
443816.64	3748742.22	266084.5773	0.01062	0.25031	2.33112E-06	0.13020	7.78889E-06	0.01063
443859.29	3748707.06	276785.7892	0.01105	0.20408	1.90058E-06	0.15249	9.12233E-06	0.01106
443854.8	3748660.67	400713.596	0.01599	0.18220	1.69682E-06	0.16298	9.74987E-06	0.01600
443872.01	3748652.43	351991.8549	0.01405	0.17183	1.60024E-06	0.17346	1.03768E-05	0.01406
443881.74	3748635.22	348334.2154	0.01390	0.16080	1.49752E-06	0.18455	1.10402E-05	0.01391
443889.22	3748615.02	357286.098	0.01426	0.15017	1.39852E-06	0.19704	1.17874E-05	0.01427
443912.42	3748586.59	328072.994	0.01309	0.13340	1.24235E-06	0.22717	1.35899E-05	0.01311
443949.73	3748543.05	291186.9604	0.01162	0.11218	1.04473E-06	0.29644	1.77338E-05	0.01164
443955.98	3748523.52	311311.2221	0.01242	0.10667	9.93411E-07	0.32541	1.94668E-05	0.01244
443964.58	3748509.45	313352.2435	0.01251	0.10218	9.51596E-07	0.35688	2.13495E-05	0.01253
443975.51	3748496.56	306436.466	0.01223	0.09781	9.10899E-07	0.39755	2.37824E-05	0.01225
444002.47	3748489.92	249398.0228	0.00995	0.09292	8.65358E-07	0.47700	2.85353E-05	0.00998
443993.02	3748508.17	244251.7806	0.00975	0.09776	9.10433E-07	0.41448	2.47952E-05	0.00977
443984.29	3748521.95	242149.2914	0.00966	0.10171	9.47219E-07	0.37406	2.23772E-05	0.00969
443976.48	3748538.5	237609.0642	0.00948	0.10677	9.94343E-07	0.33789	2.02134E-05	0.00950
443964.53	3748550.91	246070.619	0.00982	0.11179	1.04109E-06	0.30681	1.83541E-05	0.00984
443950.29	3748565.15	257524.7517	0.01028	0.11814	1.10023E-06	0.27664	1.65493E-05	0.01030
443942.47	3748583.07	252904.3692	0.01009	0.12511	1.16514E-06	0.25473	1.52386E-05	0.01011
444015.08	3748474.62	239056.5031	0.00954	0.08830	8.22333E-07	0.56375	3.37249E-05	0.00957
444023.81	3748461.29	233436.7446	0.00932	0.08480	7.89737E-07	0.65466	3.91634E-05	0.00936
444033	3748446.13	226451.4098	0.00904	0.08113	7.55559E-07	0.79206	4.73830E-05	0.00909
444049.55	3748429.58	206054.7937	0.00822	0.07698	7.16910E-07	1.09336	6.54075E-05	0.00829
444052.31	3748411.2	214583.8115	0.00856	0.07421	6.91113E-07	1.39496	8.34500E-05	0.00865
443186.88	3748634.7	66382.58595	0.00265	0.77011	7.17199E-06	0.05427	3.24657E-06	0.00266
443201.94	3748608.36	66588.25628	0.00266	0.62454	5.81630E-06	0.05665	3.38895E-06	0.00267
443224.52	3748583.89	67741.50681	0.00270	0.51889	4.83239E-06	0.05999	3.58875E-06	0.00271
443237.69	3748551.9	69218.38986	0.00276	0.43187	4.02198E-06	0.06275	3.75386E-06	0.00277
443250.87	3748525.56	70597.91501	0.00282	0.37405	3.48350E-06	0.06554	3.92077E-06	0.00282
443267.8	3748491.68	68101.5407	0.00272	0.30576	2.84752E-06	0.07021	4.20014E-06	0.00272
443290.38	3748454.05	68498.12162	0.00273	0.25741	2.39724E-06	0.07590	4.54053E-06	0.00274
443299.79	3748416.41	62456.75649	0.00249	0.21718	2.02258E-06	0.08097	4.84383E-06	0.00250
443299.79	3748384.42	56586.19308	0.00226	0.19222	1.79013E-06	0.08443	5.05081E-06	0.00227
443301.68	3748352.43	52614.71737	0.00210	0.17355	1.61626E-06	0.08826	5.27993E-06	0.00211
443305.44	3748320.44	49061.39155	0.00196	0.15716	1.46362E-06	0.09279	5.55093E-06	0.00196
443117.28	3748611.37	52623.60503	0.00210	0.56272	5.24058E-06	0.05086	3.04257E-06	0.00211
443090.7	3748626.39	50914.97499	0.00203	0.57125	5.32002E-06	0.04878	2.91814E-06	0.00204
443162.35	3748585.94	56513.40429	0.00226	0.51343	4.78154E-06	0.05503	3.29203E-06	0.00226
443179.69	3748558.2	56276.44792	0.00225	0.43054	4.00959E-06	0.05796	3.46731E-06	0.00225
443190.09	3748530.47	54405.6189	0.00217	0.36357	3.38591E-06	0.06066	3.62883E-06	0.00218

443205.11	3748494.64	53163.95005	0.00212	0.30091	2.80236E-06	0.06427	3.84479E-06	0.00213
443229.38	3748456.5	51633.2419	0.00206	0.24483	2.28009E-06	0.06973	4.17142E-06	0.00207
443231.69	3748413.74	47323.00101	0.00189	0.20609	1.91930E-06	0.07342	4.39217E-06	0.00189
443252.5	3748389.47	48062.54223	0.00192	0.19125	1.78110E-06	0.07791	4.66077E-06	0.00192
443186.62	3748471.53	48068.54905	0.00192	0.26804	2.49624E-06	0.06419	3.84001E-06	0.00192
443141.55	3748525.84	46768.94904	0.00187	0.34821	3.24286E-06	0.05723	3.42364E-06	0.00187
443138.08	3748498.11	43568.90572	0.00174	0.29875	2.78224E-06	0.05868	3.51038E-06	0.00175
443150.79	3748472.68	43100.70781	0.00172	0.26521	2.46988E-06	0.06119	3.66054E-06	0.00173
443169.29	3748447.26	42891.15103	0.00171	0.23489	2.18752E-06	0.06452	3.85975E-06	0.00172
443183.15	3748419.52	41999.4969	0.00168	0.20874	1.94398E-06	0.06781	4.05656E-06	0.00168
443202.8	3748396.41	42319.55347	0.00169	0.19253	1.79302E-06	0.07156	4.28090E-06	0.00169
443224.76	3748373.29	42849.72745	0.00171	0.17909	1.66785E-06	0.07598	4.54531E-06	0.00172
443238.63	3748345.56	42001.04052	0.00168	0.16427	1.52984E-06	0.08029	4.80315E-06	0.00168
443112.66	3748590.56	49586.32101	0.00198	0.48136	4.48288E-06	0.05167	3.09103E-06	0.00199
443080.3	3748597.5	46110.24603	0.00184	0.45841	4.26914E-06	0.04963	2.96899E-06	0.00185
443072.21	3748572.07	42740.90517	0.00171	0.39003	3.63233E-06	0.05043	3.01685E-06	0.00171
443103.41	3748554.74	45234.41385	0.00181	0.38558	3.59088E-06	0.05286	3.16222E-06	0.00181
443093.01	3748532.78	42307.59932	0.00169	0.33683	3.13688E-06	0.05336	3.19213E-06	0.00169
444066.11	3748315.51	141671.7078	0.00565	0.06180	5.75540E-07	6.42829	3.84556E-04	0.00604
444098.47	3748350.18	129674.9061	0.00518	0.06223	5.79544E-07	6.66903	3.98958E-04	0.00557
444078.82	3748294.7	114877.1948	0.00458	0.05912	5.50581E-07	3.07471	1.83937E-04	0.00477
444089.22	3748273.9	98819.6883	0.00394	0.05692	5.30092E-07	1.99058	1.19081E-04	0.00406
444096.16	3748253.1	88103.55166	0.00352	0.05520	5.14074E-07	1.50103	8.97954E-05	0.00361
444111.18	3748321.29	104581.6625	0.00417	0.05873	5.46949E-07	2.70594	1.61876E-04	0.00434
444131.98	3748302.79	86568.61942	0.00345	0.05603	5.21804E-07	1.64212	9.82357E-05	0.00355
444135.45	3748284.3	79464.53005	0.00317	0.05437	5.06344E-07	1.33474	7.98475E-05	0.00325
443313.52	3748260.81	42892.26822	0.00171	0.13179	1.22735E-06	0.10277	6.14796E-06	0.00172
443230.72	3748275.87	35678.96497	0.00142	0.13198	1.22912E-06	0.08633	5.16448E-06	0.00143
443260.83	3748238.23	35484.93281	0.00142	0.12101	1.12696E-06	0.09587	5.73518E-06	0.00142
443274	3748215.65	34889.2443	0.00139	0.11482	1.06931E-06	0.10152	6.07318E-06	0.00140
443304.11	3748178.01	33784.91974	0.00135	0.10388	9.67428E-07	0.11495	6.87660E-06	0.00136
443198.73	3748330.44	36292.92035	0.00145	0.15130	1.40905E-06	0.07674	4.59078E-06	0.00145
443155.44	3748373.72	35620.20409	0.00142	0.17341	1.61496E-06	0.06843	4.09365E-06	0.00143
443119.69	3748411.36	34943.20367	0.00139	0.19855	1.84908E-06	0.06265	3.74788E-06	0.00140
443100.87	3748441.47	35705.92164	0.00142	0.22643	2.10873E-06	0.05916	3.53910E-06	0.00143
443093.34	3748477.23	38226.78738	0.00153	0.26622	2.47929E-06	0.05632	3.36920E-06	0.00153
443080.17	3748501.69	38789.99454	0.00155	0.28567	2.66043E-06	0.05410	3.23640E-06	0.00155
443718.12	3747857.82	43762.22444	0.00175	0.05241	4.88091E-07	2.08775	1.24894E-04	0.00187
443737.76	3747882.38	45266.8054	0.00181	0.05295	4.93120E-07	2.09655	1.25421E-04	0.00193
443765.27	3747898.1	47688.57604	0.00190	0.05241	4.88091E-07	1.82801	1.09356E-04	0.00201
443754.46	3747918.73	44731.47255	0.00179	0.05400	5.02899E-07	2.36988	1.41772E-04	0.00193
443696.5	3747826.38	41737.76073	0.00167	0.05150	4.79616E-07	2.03608	1.21803E-04	0.00179
443672.93	3747804.77	38641.87521	0.00154	0.05074	4.72539E-07	2.18016	1.30423E-04	0.00167
443726.96	3747844.07	45737.38021	0.00183	0.05132	4.77940E-07	1.82355	1.09089E-04	0.00193
443710.26	3747771.37	43174.10526	0.00172	0.04735	4.40968E-07	1.87416	1.12117E-04	0.00184
443737.76	3747790.04	47945.65029	0.00191	0.04729	4.40409E-07	1.78340	1.06687E-04	0.00202
443746.61	3747808.7	50041.01052	0.00200	0.04820	4.48884E-07	1.70570	1.02039E-04	0.00210
443762.32	3747821.47	53650.93817	0.00214	0.04847	4.51398E-07	1.69713	1.01527E-04	0.00224
443787.87	3747845.05	59379.2031	0.00237	0.04894	4.55775E-07	1.67262	1.00060E-04	0.00247
443800.64	3747866.66	60667.70762	0.00242	0.04985	4.64250E-07	1.60164	9.58141E-05	0.00252
443806.53	3747929.53	50523.62906	0.00202	0.05291	4.92748E-07	1.59853	9.56281E-05	0.00211
443520.64	3747701.59	26480.38569	0.00106	0.04466	4.15916E-07	0.97919	5.85776E-05	0.00112
443551.64	3747661.73	27301.77912	0.00109	0.04268	3.97476E-07	1.02389	6.12517E-05	0.00115
443591.49	3747635.16	28656.89967	0.00114	0.04132	3.84811E-07	1.34533	8.04810E-05	0.00122
443836.47	3747717.7	97504.15854	0.00389	0.04296	4.00084E-07	2.72086	1.62769E-04	0.00405
443840.73	3747688.6	97755.68933	0.00390	0.04154	3.86859E-07	1.81875	1.08802E-04	0.00401
443841.44	3747663.76	91748.78565	0.00366	0.03993	3.71866E-07	1.42835	8.54475E-05	0.00375
443804.53	3747670.15	74795.17124	0.00298	0.04188	3.90026E-07	2.23184	1.33514E-04	0.00312
443787.49	3747657.37	61577.92863	0.00246	0.04055	3.77640E-07	2.55890	1.53080E-04	0.00261

443777.55	3747633.95	55553.93408	0.00222	0.03942	3.67116E-07	2.13903	1.27962E-04	0.00235
443744.9	3747619.04	46707.29663	0.00186	0.03957	3.68513E-07	2.63475	1.57617E-04	0.00202
443761.94	3747606.26	50567.95974	0.00202	0.03884	3.61715E-07	1.55645	9.31107E-05	0.00211
443844.28	3747623.3	83615.9969	0.00334	0.03741	3.48397E-07	0.92080	5.50846E-05	0.00339
443847.12	3747599.87	83316.32513	0.00333	0.03651	3.40015E-07	0.70159	4.19709E-05	0.00337
443852.79	3747578.58	85379.35664	0.00341	0.03572	3.32658E-07	0.54752	3.27540E-05	0.00344
443849.96	3747558	81628.3172	0.00326	0.03513	3.27164E-07	0.45330	2.71175E-05	0.00329
443849.96	3747537.41	80595.3748	0.00322	0.03463	3.22507E-07	0.38138	2.28151E-05	0.00324
443854.92	3747518.25	82179.60293	0.00328	0.03402	3.16826E-07	0.32414	1.93909E-05	0.00330
443847.12	3747495.53	74939.80445	0.00299	0.03352	3.12170E-07	0.27898	1.66893E-05	0.00301
443853.5	3747478.5	77053.2371	0.00308	0.03297	3.07048E-07	0.24680	1.47642E-05	0.00309
443850.67	3747457.2	73418.1249	0.00293	0.03250	3.02671E-07	0.21879	1.30886E-05	0.00294
443854.21	3747438.75	73433.32019	0.00293	0.03197	2.97735E-07	0.19607	1.17294E-05	0.00294
443849.96	3747397.58	67474.54698	0.00269	0.03112	2.89819E-07	0.16071	9.61408E-06	0.00270
443854.21	3747418.16	71270.7885	0.00284	0.03148	2.93171E-07	0.17577	1.05150E-05	0.00286
443853.5	3747378.41	67908.07795	0.00271	0.03068	2.85721E-07	0.14766	8.83339E-06	0.00272
443843.57	3747336.54	60087.56336	0.00240	0.02998	2.79202E-07	0.12447	7.44611E-06	0.00241
443836.47	3747315.24	55548.91617	0.00222	0.02965	2.76129E-07	0.11462	6.85686E-06	0.00222
443829.37	3747296.08	51285.66127	0.00205	0.02934	2.73242E-07	0.10639	6.36452E-06	0.00205
443827.95	3747274.07	48816.61297	0.00195	0.02891	2.69237E-07	0.09824	5.87696E-06	0.00195
443816.59	3747254.2	43491.26549	0.00174	0.02860	2.66350E-07	0.09225	5.51863E-06	0.00174
443805.95	3747236.45	39103.05437	0.00156	0.02829	2.63463E-07	0.08733	5.22430E-06	0.00157
443803.11	3747219.42	36731.81948	0.00147	0.02794	2.60204E-07	0.08289	4.95869E-06	0.00147
443838.6	3747186.06	39846.47241	0.00159	0.02714	2.52753E-07	0.07512	4.49387E-06	0.00159
443838.6	3747171.15	37137.78827	0.00148	0.02687	2.50239E-07	0.07238	4.32995E-06	0.00149
443970.69	3747984.97	64128.54427	0.00256	0.05277	4.91444E-07	0.81900	4.89946E-05	0.00261
443980.63	3747995.62	60152.35612	0.00240	0.05218	4.85949E-07	0.79341	4.74638E-05	0.00245
443994.83	3748014.08	56082.0419	0.00224	0.05168	4.81293E-07	0.76799	4.59431E-05	0.00228
444006.19	3748026.85	53954.84027	0.00215	0.05114	4.76264E-07	0.74942	4.48322E-05	0.00220
444016.83	3748040.34	52645.93746	0.00210	0.05083	4.73377E-07	0.73978	4.42555E-05	0.00215
444040.26	3748051.7	51397.79299	0.00205	0.04980	4.63784E-07	0.69010	4.12835E-05	0.00209
444048.78	3748065.89	50784.53186	0.00203	0.04960	4.61922E-07	0.69236	4.14187E-05	0.00207
444060.13	3748085.77	51125.04	0.00204	0.04957	4.61642E-07	0.70401	4.21156E-05	0.00208
444079.3	3748100.68	51535.79714	0.00206	0.04913	4.57545E-07	0.68356	4.08923E-05	0.00210
444088.53	3748117	53248.1137	0.00213	0.04936	4.59687E-07	0.69918	4.18267E-05	0.00217
444101.3	3748132.62	54682.84152	0.00218	0.04938	4.59873E-07	0.70228	4.20122E-05	0.00222
444114.79	3748147.53	55493.49668	0.00221	0.04913	4.57545E-07	0.69891	4.18106E-05	0.00226
444129.7	3748161.72	55791.40165	0.00223	0.04886	4.55030E-07	0.68919	4.12291E-05	0.00227
444141.76	3748177.34	56143.06751	0.00224	0.04868	4.53354E-07	0.69140	4.13613E-05	0.00228
444158.09	3748180.89	53604.57044	0.00214	0.04781	4.45252E-07	0.64634	3.86657E-05	0.00218
444169.45	3748204.31	53955.3948	0.00215	0.04778	4.44972E-07	0.66279	3.96498E-05	0.00219
444190.03	3748217.09	51193.57599	0.00204	0.04693	4.37056E-07	0.62056	3.71235E-05	0.00208
444192.83	3748193.06	47932.94252	0.00191	0.04567	4.25322E-07	0.56103	3.35622E-05	0.00195
444195.33	3748122.7	43058.12322	0.00172	0.04337	4.03902E-07	0.45728	2.73556E-05	0.00175
444008.68	3747956.49	78592.84602	0.00314	0.04857	4.52329E-07	0.73655	4.40623E-05	0.00318
444019.33	3747969.98	68538.84135	0.00274	0.04825	4.49349E-07	0.68735	4.11190E-05	0.00278
444042.75	3747981.34	61689.34982	0.00246	0.04686	4.36404E-07	0.62239	3.72329E-05	0.00250
444051.27	3747995.53	57461.54894	0.00229	0.04703	4.37988E-07	0.60385	3.61238E-05	0.00233
444062.63	3748015.41	53553.33019	0.00214	0.04727	4.40223E-07	0.58942	3.52606E-05	0.00217
444081.79	3748030.32	51287.53793	0.00205	0.04684	4.36218E-07	0.56364	3.37184E-05	0.00208
444091.02	3748046.64	49913.43554	0.00199	0.04697	4.37429E-07	0.56260	3.36561E-05	0.00203
444103.8	3748062.26	49450.10141	0.00197	0.04704	4.38081E-07	0.55695	3.33181E-05	0.00201
444117.29	3748077.17	48751.92226	0.00195	0.04683	4.36125E-07	0.54949	3.28719E-05	0.00198
444132.19	3748091.36	48252.26339	0.00193	0.04649	4.32959E-07	0.53946	3.22719E-05	0.00196
444144.26	3748106.98	48058.04553	0.00192	0.04627	4.30910E-07	0.53738	3.21474E-05	0.00195
444160.59	3748110.53	46914.19664	0.00187	0.04551	4.23832E-07	0.51033	3.05292E-05	0.00190
444171.94	3748133.95	46733.64282	0.00187	0.04535	4.22342E-07	0.51908	3.10527E-05	0.00190
444192.53	3748146.73	44335.33455	0.00177	0.04414	4.11073E-07	0.48911	2.92598E-05	0.00180
444143.39	3748498.91	100439.4969	0.00401	0.07958	7.41124E-07	1.78604	1.06845E-04	0.00412

444154.04	3748512.39	94260.55054	0.00376	0.08069	7.51461E-07	1.77032	1.05905E-04	0.00387
444177.46	3748523.75	85128.12719	0.00340	0.08057	7.50344E-07	2.35043	1.40609E-04	0.00354
444185.98	3748537.95	81462.8925	0.00325	0.08212	7.64779E-07	2.19367	1.31231E-04	0.00338
444197.34	3748557.82	76442.30585	0.00305	0.08404	7.82659E-07	2.00311	1.19831E-04	0.00317
444216.5	3748572.73	70551.73313	0.00282	0.08440	7.86012E-07	2.34614	1.40352E-04	0.00296
444225.73	3748589.05	67402.52254	0.00269	0.08591	8.00075E-07	2.16016	1.29226E-04	0.00282
444238.51	3748604.67	63827.95814	0.00255	0.08684	8.08736E-07	2.18088	1.30466E-04	0.00268
444251.99	3748619.58	60450.23085	0.00241	0.08745	8.14417E-07	2.27065	1.35836E-04	0.00255
444266.9	3748633.77	57153.22271	0.00228	0.08767	8.16465E-07	2.49781	1.49425E-04	0.00243
444278.97	3748649.39	54413.11071	0.00217	0.08826	8.21960E-07	2.58347	1.54550E-04	0.00233
444295.29	3748652.94	52033.85733	0.00208	0.08682	8.08549E-07	3.88558	2.32445E-04	0.00231
444306.65	3748676.37	49266.33067	0.00197	0.08825	8.21867E-07	3.91234	2.34046E-04	0.00220
444237.65	3748593.44	64773.69547	0.00259	0.08536	7.94952E-07	2.62016	1.56745E-04	0.00274
444061.66	3748440.72	178053.1744	0.00711	0.07739	7.20728E-07	1.12922	6.75528E-05	0.00717
444085.08	3748452.08	145882.4123	0.00582	0.07700	7.17096E-07	1.35264	8.09183E-05	0.00590
444093.6	3748466.28	135859.9562	0.00542	0.07877	7.33580E-07	1.27491	7.62683E-05	0.00550
444104.96	3748486.15	123121.1694	0.00491	0.08098	7.54162E-07	1.17761	7.04476E-05	0.00498
444124.12	3748501.06	109913.2913	0.00439	0.08185	7.62264E-07	1.27848	7.64819E-05	0.00446
444133.35	3748517.39	103070.8433	0.00411	0.08374	7.79866E-07	1.20329	7.19838E-05	0.00419
444146.13	3748533	95111.41331	0.00380	0.08491	7.90762E-07	1.20446	7.20538E-05	0.00387
444159.61	3748547.91	88343.3147	0.00353	0.08601	8.01006E-07	1.22734	7.34226E-05	0.00360
444174.52	3748562.11	82243.38221	0.00328	0.08692	8.09481E-07	1.28830	7.70693E-05	0.00336
444186.59	3748577.72	77158.81066	0.00308	0.08808	8.20284E-07	1.28302	7.67535E-05	0.00316
444202.91	3748581.27	72935.35227	0.00291	0.08702	8.10412E-07	1.57796	9.43975E-05	0.00301
444214.27	3748604.7	68555.21195	0.00274	0.08947	8.33229E-07	1.41027	8.43659E-05	0.00282
444234.86	3748617.47	63546.25673	0.00254	0.08904	8.29224E-07	1.67838	1.00405E-04	0.00264
443957.64	3748095.6	61819.56698	0.00247	0.05735	5.34097E-07	1.42181	8.50562E-05	0.00255
CONCUNIT ug	/m^3	0	0.00000	0.00000	0.00000E+00	0.00000	0.00000E+00	0.00000
DEPUNIT g/m	^2	0	0.00000	0.00000	0.00000E+00	0.00000	0.00000E+00	0.00000

Trails of Corona

2024 | No Mitigation | at Sensitive Receptors | No Mitigation | at Sensitive Receptors

Construction Annual DPM Emissions (as PM10 Exhaust)

X (m)	Y (m)	Onsite Annual DPM Exhaust w/Unit Emissions (ug/m3)	Onsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Unit Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Unit Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Total DPM (ug/m3)
443543.62	3748016.2	35156.94454	0.00067	0.07477	1.72668E-07	0.41552	6.16389E-06	0.00068
443581.38	3748016.2	36622.07968	0.00070	0.07287	1.68280E-07	0.52827	7.83644E-06	0.00071
443619.14	3748016.2	38578.71528	0.00074	0.07096	1.63870E-07	0.69873	1.03651E-05	0.00075
443656.9	3748016.2	40918.00742	0.00078	0.06920	1.59805E-07	0.98771	1.46518E-05	0.00080
443694.66	3748016.2	43836.17418	0.00084	0.06805	1.57150E-07	1.56020	2.31443E-05	0.00086
443732.42	3748016.2	45683.33344	0.00088	0.06551	1.51284E-07	3.41537	5.06641E-05	0.00093
443543.62	3748046.66	36897.38741	0.00071	0.07866	1.81651E-07	0.36211	5.37160E-06	0.00071
443581.38	3748046.66	38550.11084	0.00074	0.07661	1.76917E-07	0.44715	6.63309E-06	0.00075
443619.14	3748046.66	40642.28578	0.00078	0.07449	1.72022E-07	0.56902	8.44093E-06	0.00079
443656.9	3748046.66	43341.14312	0.00083	0.07289	1.68327E-07	0.75771	1.12400E-05	0.00084
443694.66	3748046.66	46809.0846	0.00090	0.07199	1.66248E-07	1.07871	1.60018E-05	0.00091
443732.42	3748046.66	48755.43749	0.00093	0.06933	1.60105E-07	1.85184	2.74705E-05	0.00096
443543.62	3748077.12	39404.88209	0.00075	0.08341	1.92621E-07	0.31914	4.73417E-06	0.00076
443581.38	3748077.12	41316.11417	0.00079	0.08112	1.87332E-07	0.38525	5.71486E-06	0.00080
443619.14	3748077.12	43760.54368	0.00084	0.07893	1.82275E-07	0.47585	7.05883E-06	0.00085
443656.9	3748077.12	46150.17698	0.00088	0.07628	1.76155E-07	0.61043	9.05521E-06	0.00089
443694.66	3748077.12	49883.26321	0.00096	0.07513	1.73500E-07	0.82192	1.21925E-05	0.00097
443732.42	3748077.12	52236.79016	0.00100	0.07229	1.66941E-07	1.24369	1.84491E-05	0.00102
443543.62	3748107.58	42664.91899	0.00082	0.08886	2.05207E-07	0.28422	4.21616E-06	0.00082
443581.38	3748107.58	44769.17854	0.00086	0.08600	1.98602E-07	0.33721	5.00223E-06	0.00086
443619.14	3748107.58	46761.89683	0.00090	0.08232	1.90104E-07	0.40813	6.05426E-06	0.00090
443656.9	3748107.58	49529.12199	0.00095	0.07943	1.83430E-07	0.50715	7.52314E-06	0.00096
443694.66	3748107.58	54047.9059	0.00104	0.07834	1.80913E-07	0.65526	9.72023E-06	0.00105
443732.42	3748107.58	57212.48007	0.00110	0.07534	1.73985E-07	0.91330	1.35480E-05	0.00111
443543.62	3748138.04	46381.87285	0.00089	0.09424	2.17631E-07	0.25588	3.79576E-06	0.00089
443581.38	3748138.04	48334.7879	0.00093	0.09014	2.08163E-07	0.29950	4.44283E-06	0.00093
443619.14	3748138.04	50689.1187	0.00097	0.08599	1.98579E-07	0.35541	5.27221E-06	0.00098
443656.9	3748138.04	54323.18345	0.00104	0.08313	1.91974E-07	0.43068	6.38877E-06	0.00105
443694.66	3748138.04	59870.18055	0.00115	0.08181	1.88926E-07	0.53911	7.99724E-06	0.00116
443732.42	3748138.04	64471.89771	0.00124	0.07872	1.81790E-07	0.71038	1.05379E-05	0.00125
443543.62	3748168.5	50491.68567	0.00097	0.09937	2.29478E-07	0.23252	3.44924E-06	0.00097
443581.38	3748168.5	53041.01358	0.00102	0.09492	2.19201E-07	0.26851	3.98312E-06	0.00102
443619.14	3748168.5	56037.73207	0.00107	0.09031	2.08555E-07	0.31357	4.65155E-06	0.00108
443656.9	3748168.5	61039.14776	0.00117	0.08751	2.02089E-07	0.37265	5.52795E-06	0.00118
443694.66	3748168.5	68167.33276	0.00131	0.08580	1.98140E-07	0.45466	6.74450E-06	0.00131
443732.42	3748168.5	74705.07557	0.00143	0.08219	1.89803E-07	0.57593	8.54344E-06	0.00144
444172.99	3747085.77	29448.16587	0.00056	0.02206	5.09437E-08	0.05535	8.21071E-07	0.00056
444272.99	3747085.77	25352.98114	0.00049	0.02204	5.08975E-08	0.05310	7.87694E-07	0.00049
444372.99	3747085.77	21798.2038	0.00042	0.02195	5.06897E-08	0.05019	7.44526E-07	0.00042
444472.99	3747085.77	18895.27197	0.00036	0.02149	4.96274E-08	0.04684	6.94832E-07	0.00036
444572.99	3747085.77	16521.66666	0.00032	0.02067	4.77337E-08	0.04363	6.47214E-07	0.00032
444672.99	3747085.77	14763.1768	0.00028	0.01976	4.56323E-08	0.04146	6.15024E-07	0.00028
444772.99	3747085.77	13333.48087	0.00026	0.01874	4.32767E-08	0.03956	5.86839E-07	0.00026
444872.99	3747085.77	12154.7418	0.00023	0.01774	4.09674E-08	0.03783	5.61176E-07	0.00023
444972.99	3747085.77	11145.1858	0.00021	0.01678	3.87505E-08	0.03597	5.33585E-07	0.00021
445072.99	3747085.77	10314.7653	0.00020	0.01597	3.68799E-08	0.03416	5.06735E-07	0.00020
445172.99	3747085.77	9613.03502	0.00018	0.01534	3.54250E-08	0.03255	4.82852E-07	0.00018
445272.99	3747085.77	9030.44559	0.00017	0.01490	3.44089E-08	0.03124	4.63419E-07	0.00017
445372.99	3747085.77	8484.53473	0.00016	0.01453	3.35545E-08	0.02991	4.43690E-07	0.00016

445472.99	3747085.77	7969.51529	0.00015	0.01420	3.27924E-08	0.02848	4.22477E-07	0.00015
445572.99	3747085.77	7523.0254	0.00014	0.01389	3.20765E-08	0.02711	4.02154E-07	0.00014
444172.99	3747185.77	47140.33562	0.00090	0.02369	5.47079E-08	0.06532	9.68967E-07	0.00090
444272.99	3747185.77	36070.83486	0.00069	0.02372	5.47772E-08	0.06178	9.16454E-07	0.00069
444372.99	3747185.77	28781.62787	0.00055	0.02340	5.40382E-08	0.05771	8.56079E-07	0.00055
444472.99	3747185.77	23544.8421	0.00045	0.02256	5.20984E-08	0.05309	7.87545E-07	0.00045
444572.99	3747185.77	19933.52106	0.00038	0.02149	4.96274E-08	0.04949	7.34142E-07	0.00038
444672.99	3747185.77	17335.878	0.00033	0.02033	4.69486E-08	0.04684	6.94832E-07	0.00033
444772.99	3747185.77	15280.27518	0.00029	0.01912	4.41543E-08	0.04438	6.58340E-07	0.00029
444872.99	3747185.77	13689.80145	0.00026	0.01802	4.16140E-08	0.04210	6.24518E-07	0.00026
444972.99	3747185.77	12412.60824	0.00024	0.01710	3.94895E-08	0.03975	5.89658E-07	0.00024
445072.99	3747185.77	11343.53923	0.00022	0.01637	3.78036E-08	0.03743	5.55243E-07	0.00022
445172.99	3747185.77	10448.35434	0.00020	0.01584	3.65797E-08	0.03544	5.25723E-07	0.00020
445272.99	3747185.77	9719.27185	0.00019	0.01547	3.57253E-08	0.03379	5.01246E-07	0.00019
445372.99	3747185.77	9037.83716	0.00017	0.01511	3.48939E-08	0.03204	4.75286E-07	0.00017
445472.99	3747185.77	8440.92228	0.00016	0.01474	3.40394E-08	0.03032	4.49772E-07	0.00016
445572.99	3747185.77	7914.78359	0.00015	0.01435	3.31388E-08	0.02867	4.25295E-07	0.00015
444172.99	3747285.77	76910.80717	0.00147	0.02562	5.91649E-08	0.07905	1.17264E-06	0.00147
444272.99	3747285.77	52107.24958	0.00100	0.02541	5.86799E-08	0.07290	1.08141E-06	0.00100
444372.99	3747285.77	38305.54689	0.00073	0.02472	5.70865E-08	0.06724	9.97449E-07	0.00073
444472.99	3747285.77	29912.32438	0.00057	0.02360	5.45001E-08	0.06193	9.18679E-07	0.00057
444572.99	3747285.77	24413.72426	0.00047	0.02225	5.13825E-08	0.05743	8.51926E-07	0.00047
444672.99	3747285.77	20479.76338	0.00039	0.02082	4.80801E-08	0.05363	7.95556E-07	0.00039
444772.99	3747285.77	17590.99786	0.00034	0.01948	4.49856E-08	0.05026	7.45565E-07	0.00034
444872.99	3747285.77	15450.1467	0.00030	0.01839	4.24685E-08	0.04709	6.98540E-07	0.00030
444972.99	3747285.77	13731.21867	0.00026	0.01754	4.05056E-08	0.04381	6.49884E-07	0.00026
445072.99	3747285.77	12392.71842	0.00024	0.01694	3.91200E-08	0.04098	6.07904E-07	0.00024
445172.99	3747285.77	11291.96327	0.00022	0.01649	3.80808E-08	0.03856	5.72005E-07	0.00022
445272.99	3747285.77	10373.34735	0.00020	0.01610	3.71801E-08	0.03638	5.39667E-07	0.00020
445372.99	3747285.77	9596.84047	0.00018	0.01570	3.62564E-08	0.03428	5.08515E-07	0.00018
445472.99	3747285.77	8934.88398	0.00017	0.01526	3.52403E-08	0.03228	4.78847E-07	0.00017
445572.99	3747285.77	8349.29477	0.00016	0.01475	3.40625E-08	0.03037	4.50513E-07	0.00016
444172.99	3747385.77	114206.4687	0.00219	0.02775	6.40838E-08	0.10003	1.48386E-06	0.00219
444272.99	3747385.77	71489.65336	0.00137	0.02716	6.27213E-08	0.08976	1.33151E-06	0.00137
444372.99	3747385.77	49973.32393	0.00096	0.02607	6.02041E-08	0.08131	1.20617E-06	0.00096
444472.99	3747385.77	37613.24672	0.00072	0.02463	5.68787E-08	0.07400	1.09773E-06	0.00072
444572.99	3747385.77	29949.0782	0.00057	0.02312	5.33916E-08	0.06818	1.01139E-06	0.00057
444672.99	3747385.77	23789.08825	0.00046	0.02124	4.90501E-08	0.06178	9.16454E-07	0.00046
444772.99	3747385.77	19934.89263	0.00038	0.01990	4.59556E-08	0.05705	8.46289E-07	0.00038
444872.99	3747385.77	17129.07172	0.00033	0.01891	4.36693E-08	0.05252	7.79090E-07	0.00033
444972.99	3747385.77	15023.72637	0.00029	0.01820	4.20297E-08	0.04839	7.17825E-07	0.00029
445072.99	3747385.77	13355.55417	0.00026	0.01765	4.07596E-08	0.04480	6.64570E-07	0.00026
445172.99	3747385.77	12055.55268	0.00023	0.01719	3.96973E-08	0.04186	6.20958E-07	0.00023
445272.99	3747385.77	11004.48444	0.00021	0.01671	3.85888E-08	0.03918	5.81202E-07	0.00021
445372.99	3747385.77	10162.78317	0.00019	0.01622	3.74572E-08	0.03673	5.44859E-07	0.00020
445472.99	3747385.77	9431.29039	0.00018	0.01566	3.61640E-08	0.03436	5.09702E-07	0.00018
445572.99	3747385.77	8797.93874	0.00017	0.01511	3.48939E-08	0.03215	4.76918E-07	0.00017
444172.99	3747485.77	151877.0187	0.00291	0.03004	6.93721E-08	0.13369	1.98318E-06	0.00291
444272.99	3747485.77	89445.08799	0.00171	0.02878	6.64624E-08	0.11434	1.69614E-06	0.00172
444372.99	3747485.77	61392.41098	0.00118	0.02733	6.31138E-08	0.10152	1.50596E-06	0.00118
444472.99	3747485.77	44597.81961	0.00085	0.02543	5.87261E-08	0.08976	1.33151E-06	0.00086
444572.99	3747485.77	33560.29456	0.00064	0.02335	5.39227E-08	0.07937	1.17739E-06	0.00064
444672.99	3747485.77	26489.28262	0.00051	0.02165	4.99969E-08	0.07116	1.05560E-06	0.00051
444772.99	3747485.77	21941.86438	0.00042	0.02051	4.73643E-08	0.06475	9.60512E-07	0.00042
444872.99	3747485.77	18601.37626	0.00036	0.01967	4.54244E-08	0.05868	8.70468E-07	0.00036
444972.99	3747485.77	16146.75813	0.00031	0.01904	4.39695E-08	0.05351	7.93776E-07	0.00031
445072.99	3747485.77	14249.94123	0.00027	0.01845	4.26070E-08	0.04918	7.29544E-07	0.00027
445172.99	3747485.77	12790.41472	0.00025	0.01786	4.12445E-08	0.04553	6.75399E-07	0.00025
445272.99	3747485.77	11639.56754	0.00022	0.01725	3.98359E-08	0.04224	6.26595E-07	0.00022

445372.99	3747485.77	10712.8063	0.00021	0.01665	3.84503E-08	0.03924	5.82092E-07	0.00021
445472.99	3747485.77	9957.74921	0.00019	0.01611	3.72032E-08	0.03655	5.42188E-07	0.00019
445572.99	3747485.77	9331.40926	0.00018	0.01568	3.62102E-08	0.03417	5.06883E-07	0.00018
444172.99	3747585.77	181854.603	0.00348	0.03234	7.46836E-08	0.18696	2.77339E-06	0.00349
444272.99	3747585.77	100974.3669	0.00193	0.03030	6.99725E-08	0.15077	2.23655E-06	0.00194
444372.99	3747585.77	67868.59582	0.00130	0.02834	6.54463E-08	0.12793	1.89773E-06	0.00130
444472.99	3747585.77	48215.52557	0.00092	0.02601	6.00655E-08	0.10883	1.61440E-06	0.00093
444572.99	3747585.77	35716.21632	0.00068	0.02381	5.49850E-08	0.09311	1.38121E-06	0.00069
444672.99	3747585.77	28372.76631	0.00054	0.02241	5.17520E-08	0.08247	1.22337E-06	0.00054
444772.99	3747585.77	23386.21451	0.00045	0.02144	4.95119E-08	0.07370	1.09328E-06	0.00045
444872.99	3747585.77	19722.49006	0.00038	0.02064	4.76645E-08	0.06575	9.75346E-07	0.00038
444972.99	3747585.77	17038.83606	0.00033	0.01991	4.59787E-08	0.05923	8.78627E-07	0.00033
445072.99	3747585.77	15066.63126	0.00029	0.01921	4.43621E-08	0.05412	8.02825E-07	0.00029
445172.99	3747585.77	13489.02501	0.00026	0.01847	4.26532E-08	0.04952	7.34587E-07	0.00026
445272.99	3747585.77	12281.77979	0.00024	0.01781	4.11291E-08	0.04555	6.75696E-07	0.00024
445372.99	3747585.77	11318.81326	0.00022	0.01728	3.99051E-08	0.04205	6.23776E-07	0.00022
445472.99	3747585.77	10515.86921	0.00020	0.01686	3.89352E-08	0.03892	5.77345E-07	0.00020
445572.99	3747585.77	9888.17219	0.00019	0.01665	3.84503E-08	0.03635	5.39222E-07	0.00019
444172.99	3747685.77	158862.0873	0.00304	0.03471	8.01567E-08	0.26299	3.90124E-06	0.00305
444272.99	3747685.77	96509.28366	0.00185	0.03194	7.37598E-08	0.19937	2.95749E-06	0.00185
444372.99	3747685.77	65730.21331	0.00126	0.02926	6.75708E-08	0.15950	2.36605E-06	0.00126
444472.99	3747685.77	47086.8567	0.00090	0.02664	6.15204E-08	0.13013	1.93037E-06	0.00090
444572.99	3747685.77	35750.1885	0.00068	0.02469	5.70172E-08	0.10917	1.61944E-06	0.00069
444672.99	3747685.77	28694.87644	0.00055	0.02346	5.41768E-08	0.09476	1.40568E-06	0.00055
444772.99	3747685.77	23804.85116	0.00046	0.02249	5.19367E-08	0.08299	1.23109E-06	0.00046
444872.99	3747685.77	20322.38774	0.00039	0.02163	4.99507E-08	0.07335	1.08809E-06	0.00039
444972.99	3747685.77	17685.53131	0.00034	0.02075	4.79185E-08	0.06553	9.72082E-07	0.00034
445072.99	3747685.77	15702.58219	0.00030	0.01995	4.60710E-08	0.05928	8.79369E-07	0.00030
445172.99	3747685.77	14148.16717	0.00027	0.01926	4.44776E-08	0.05385	7.98819E-07	0.00027
445272.99	3747685.77	12898.03385	0.00025	0.01872	4.32306E-08	0.04904	7.27467E-07	0.00025
445372.99	3747685.77	11884.21353	0.00023	0.01834	4.23530E-08	0.04490	6.66054E-07	0.00023
445472.99	3747685.77	11049.88405	0.00021	0.01813	4.18681E-08	0.04140	6.14134E-07	0.00021
445572.99	3747685.77	10349.19814	0.00020	0.01804	4.16602E-08	0.03849	5.70967E-07	0.00020
444172.99	3747785.77	116724.1697	0.00224	0.03674	8.48446E-08	0.34689	5.14582E-06	0.00224
444272.99	3747785.77	78001.26389	0.00149	0.03334	7.69929E-08	0.24961	3.70275E-06	0.00150
444372.99	3747785.77	57565.43482	0.00110	0.03061	7.06884E-08	0.19359	2.87174E-06	0.00111
444472.99	3747785.77	42739.95234	0.00082	0.02781	6.42223E-08	0.15321	2.27274E-06	0.00082
444572.99	3747785.77	33726.33708	0.00065	0.02604	6.01348E-08	0.12656	1.87741E-06	0.00065
444672.99	3747785.77	27740.61196	0.00053	0.02474	5.71327E-08	0.10760	1.59616E-06	0.00053
444772.99	3747785.77	23650.12604	0.00045	0.02370	5.47310E-08	0.09314	1.38165E-06	0.00045
444872.99	3747785.77	20479.0748	0.00039	0.02266	5.23293E-08	0.08129	1.20587E-06	0.00039
444972.99	3747785.77	18019.62724	0.00035	0.02173	5.01816E-08	0.07199	1.06791E-06	0.00035
445072.99	3747785.77	16099.08112	0.00031	0.02098	4.84496E-08	0.06433	9.54281E-07	0.00031
445172.99	3747785.77	14644.76731	0.00028	0.02054	4.74335E-08	0.05800	8.60381E-07	0.00028
445272.99	3747785.77	13413.41867	0.00026	0.02023	4.67176E-08	0.05243	7.77755E-07	0.00026
445372.99	3747785.77	12361.72794	0.00024	0.02002	4.62327E-08	0.04772	7.07886E-07	0.00024
445472.99	3747785.77	11489.65545	0.00022	0.01993	4.60248E-08	0.04391	6.51368E-07	0.00022
445572.99	3747785.77	10727.71707	0.00021	0.01984	4.58170E-08	0.04072	6.04047E-07	0.00021
444172.99	3747885.77	81437.16783	0.00156	0.03863	8.92092E-08	0.39920	5.92180E-06	0.00157
444272.99	3747885.77	59337.90119	0.00114	0.03495	8.07109E-08	0.28693	4.25636E-06	0.00114
444372.99	3747885.77	46447.28747	0.00089	0.03207	7.40600E-08	0.22063	3.27286E-06	0.00089
444472.99	3747885.77	36989.70964	0.00071	0.02955	6.82405E-08	0.17503	2.59642E-06	0.00071
444572.99	3747885.77	30332.67087	0.00058	0.02751	6.35295E-08	0.14200	2.10645E-06	0.00058
444672.99	3747885.77	26086.65635	0.00050	0.02616	6.04119E-08	0.11994	1.77921E-06	0.00050
444772.99	3747885.77	22854.24142	0.00044	0.02502	5.77793E-08	0.10281	1.52510E-06	0.00044
444872.99	3747885.77	20189.35878	0.00039	0.02402	5.54700E-08	0.08912	1.32202E-06	0.00039
444972.99	3747885.77	18048.34375	0.00035	0.02326	5.37149E-08	0.07823	1.16048E-06	0.00035
445072.99	3747885.77	16308.31687	0.00031	0.02275	5.25371E-08	0.06914	1.02563E-06	0.00031
445172.99	3747885.77	14953.75264	0.00029	0.02253	5.20291E-08	0.06184	9.17344E-07	0.00029

445272.99	3747885.77	13770.49896	0.00026	0.02239	5.17058E-08	0.05570	8.26263E-07	0.00026
445372.99	3747885.77	12721.8992	0.00024	0.02222	5.13132E-08	0.05065	7.51350E-07	0.00024
445472.99	3747885.77	11765.53487	0.00023	0.02194	5.06666E-08	0.04643	6.88750E-07	0.00023
445572.99	3747885.77	10945.96967	0.00021	0.02160	4.98814E-08	0.04293	6.36830E-07	0.00021
444172.99	3747985.77	55924.70375	0.00107	0.04201	9.70147E-08	0.41060	6.09091E-06	0.00108
444272.99	3747985.77	44570.01751	0.00085	0.03701	8.54681E-08	0.30811	4.57055E-06	0.00086
444372.99	3747985.77	36556.50175	0.00070	0.03347	7.72931E-08	0.23882	3.54269E-06	0.00070
444472.99	3747985.77	31221.96335	0.00060	0.03110	7.18200E-08	0.19035	2.82368E-06	0.00060
444572.99	3747985.77	27353.58079	0.00052	0.02935	6.77787E-08	0.15688	2.32718E-06	0.00053
444672.99	3747985.77	24305.96107	0.00047	0.02799	6.46380E-08	0.13180	1.95514E-06	0.00047
444772.99	3747985.77	21797.59552	0.00042	0.02696	6.22594E-08	0.11205	1.66217E-06	0.00042
444872.99	3747985.77	19733.36497	0.00038	0.02625	6.06198E-08	0.09680	1.43595E-06	0.00038
444972.99	3747985.77	17930.37072	0.00034	0.02574	5.94420E-08	0.08421	1.24918E-06	0.00034
445072.99	3747985.77	16410.96302	0.00031	0.02542	5.87030E-08	0.07395	1.09699E-06	0.00032
445172.99	3747985.77	15047.66968	0.00029	0.02509	5.79410E-08	0.06553	9.72082E-07	0.00029
445272.99	3747985.77	13898.35718	0.00027	0.02478	5.72251E-08	0.05897	8.74770E-07	0.00027
445372.99	3747985.77	12830.42342	0.00025	0.02430	5.61166E-08	0.05352	7.93924E-07	0.00025
445472.99	3747985.77	11857.42183	0.00023	0.02365	5.46155E-08	0.04895	7.26132E-07	0.00023
445572.99	3747985.77	11013.81169	0.00021	0.02294	5.29759E-08	0.04509	6.68872E-07	0.00021
444172.99	3748085.77	45041.87826	0.00086	0.04402	1.01656E-07	0.46067	6.83365E-06	0.00087
444272.99	3748085.77	37004.70077	0.00071	0.03887	8.97635E-08	0.33691	4.99778E-06	0.00071
444372.99	3748085.77	31941.52526	0.00061	0.03573	8.25122E-08	0.26059	3.86563E-06	0.00062
444472.99	3748085.77	28341.75911	0.00054	0.03360	7.75933E-08	0.20921	3.10345E-06	0.00055
444572.99	3748085.77	25458.89558	0.00049	0.03201	7.39215E-08	0.17218	2.55415E-06	0.00049
444672.99	3748085.77	23101.86145	0.00044	0.03087	7.12889E-08	0.14362	2.13048E-06	0.00044
444772.99	3748085.77	21134.25756	0.00040	0.03012	6.95569E-08	0.12165	1.80458E-06	0.00041
444872.99	3748085.77	19388.51953	0.00037	0.02957	6.82867E-08	0.10434	1.54780E-06	0.00037
444972.99	3748085.77	17745.66252	0.00034	0.02899	6.69473E-08	0.08995	1.33433E-06	0.00034
445072.99	3748085.77	16276.24095	0.00031	0.02836	6.54924E-08	0.07846	1.16389E-06	0.00031
445172.99	3748085.77	14966.60006	0.00029	0.02764	6.38297E-08	0.06946	1.03038E-06	0.00029
445272.99	3748085.77	13799.50755	0.00026	0.02681	6.19130E-08	0.06231	9.24316E-07	0.00027
445372.99	3748085.77	12768.65175	0.00024	0.02588	5.97653E-08	0.05644	8.37240E-07	0.00025
445472.99	3748085.77	11830.46625	0.00023	0.02486	5.74098E-08	0.05147	7.63514E-07	0.00023
445572.99	3748085.77	10999.6492	0.00021	0.02383	5.50312E-08	0.04727	7.01211E-07	0.00021
444172.99	3748185.77	50920.13637	0.00098	0.04679	1.08053E-07	0.60565	8.98431E-06	0.00098
444272.99	3748185.77	38987.21876	0.00075	0.04240	9.79154E-08	0.40770	6.04789E-06	0.00075
444372.99	3748185.77	32494.50956	0.00062	0.03952	9.12645E-08	0.30168	4.47517E-06	0.00063
444472.99	3748185.77	28360.29373	0.00054	0.03761	8.68537E-08	0.23633	3.50576E-06	0.00055
444572.99	3748185.77	25371.50887	0.00049	0.03625	8.37130E-08	0.19159	2.84208E-06	0.00049
444672.99	3748185.77	22943.4887	0.00044	0.03515	8.11728E-08	0.15744	2.33549E-06	0.00044
444772.99	3748185.77	20853.90884	0.00040	0.03416	7.88865E-08	0.13147	1.95025E-06	0.00040
444872.99	3748185.77	19154.18036	0.00037	0.03334	7.69929E-08	0.11188	1.65965E-06	0.00037
444972.99	3748185.77	17486.33231	0.00033	0.03219	7.43372E-08	0.09567	1.41918E-06	0.00034
445072.99	3748185.77	16027.81473	0.00031	0.03094	7.14505E-08	0.08323	1.23465E-06	0.00031
445172.99	3748185.77	14743.66503	0.00028	0.02963	6.84253E-08	0.07356	1.09120E-06	0.00028
445272.99	3748185.77	13622.3325	0.00026	0.02830	6.53539E-08	0.06580	9.76088E-07	0.00026
445372.99	3748185.77	12627.61543	0.00024	0.02698	6.23056E-08	0.05937	8.80704E-07	0.00024
445472.99	3748185.77	11744.9643	0.00022	0.02572	5.93958E-08	0.05401	8.01193E-07	0.00023
445572.99	3748185.77	10961.01614	0.00021	0.02454	5.66708E-08	0.04953	7.34736E-07	0.00021
444172.99	3748285.77	67202.20138	0.00129	0.05242	1.21055E-07	0.98862	1.46653E-05	0.00130
444272.99	3748285.77	47708.39436	0.00091	0.04861	1.12256E-07	0.56263	8.34614E-06	0.00092
444372.99	3748285.77	37500.44488	0.00072	0.04597	1.06160E-07	0.38356	5.68979E-06	0.00072
444472.99	3748285.77	31124.53737	0.00060	0.04379	1.01125E-07	0.28349	4.20534E-06	0.00060
444572.99	3748285.77	26822.28595	0.00051	0.04200	9.69916E-08	0.22057	3.27197E-06	0.00052
444672.99	3748285.77	23586.41494	0.00045	0.04026	9.29734E-08	0.17608	2.61200E-06	0.00045
444772.99	3748285.77	21113.89181	0.00040	0.03860	8.91399E-08	0.14436	2.14146E-06	0.00041
444872.99	3748285.77	19002.77991	0.00036	0.03672	8.47984E-08	0.12005	1.78084E-06	0.00037
444972.99	3748285.77	17241.17142	0.00033	0.03479	8.03414E-08	0.10194	1.51219E-06	0.00033
445072.99	3748285.77	15787.68747	0.00030	0.03294	7.60692E-08	0.08842	1.31164E-06	0.00030

445172.99	3748285.77	14517.91722	0.00028	0.03112	7.18662E-08	0.07778	1.15380E-06	0.00028
445272.99	3748285.77	13447.1325	0.00026	0.02948	6.80789E-08	0.06932	1.02830E-06	0.00026
445372.99	3748285.77	12497.19826	0.00024	0.02795	6.45456E-08	0.06240	9.25651E-07	0.00024
445472.99	3748285.77	11647.68398	0.00022	0.02656	6.13357E-08	0.05666	8.40503E-07	0.00022
445572.99	3748285.77	10900.89601	0.00021	0.02530	5.84259E-08	0.05178	7.68113E-07	0.00021
444172.99	3748385.77	88971.92844	0.00170	0.06248	1.44287E-07	2.70863	4.01802E-05	0.00174
444272.99	3748385.77	58402.09054	0.00112	0.05785	1.33594E-07	0.93435	1.38603E-05	0.00113
444372.99	3748385.77	43361.35133	0.00083	0.05419	1.25142E-07	0.53232	7.89652E-06	0.00084
444472.99	3748385.77	34494.1625	0.00066	0.05107	1.17937E-07	0.35952	5.33318E-06	0.00067
444572.99	3748385.77	28519.22312	0.00055	0.04800	1.10848E-07	0.26123	3.87513E-06	0.00055
444672.99	3748385.77	24425.29614	0.00047	0.04514	1.04243E-07	0.20011	2.96846E-06	0.00047
444772.99	3748385.77	21458.2797	0.00041	0.04235	9.77999E-08	0.15894	2.35774E-06	0.00041
444872.99	3748385.77	19093.05763	0.00037	0.03959	9.14262E-08	0.13002	1.92874E-06	0.00037
444972.99	3748385.77	17116.0284	0.00033	0.03688	8.51679E-08	0.10910	1.61841E-06	0.00033
445072.99	3748385.77	15650.32844	0.00030	0.03459	7.98795E-08	0.09406	1.39530E-06	0.00030
445172.99	3748385.77	14355.38164	0.00027	0.03245	7.49376E-08	0.08225	1.22011E-06	0.00028
445272.99	3748385.77	13289.49325	0.00025	0.03060	7.06653E-08	0.07301	1.08304E-06	0.00026
445372.99	3748385.77	12365.95918	0.00024	0.02896	6.68780E-08	0.06545	9.70896E-07	0.00024
445472.99	3748385.77	11571.5457	0.00022	0.02752	6.35526E-08	0.05909	8.76550E-07	0.00022
445572.99	3748385.77	10825.19526	0.00021	0.02613	6.03427E-08	0.05365	7.95853E-07	0.00021
444172.99	3748485.77	89685.51685	0.00172	0.07524	1.73754E-07	5.06212	7.50923E-05	0.00179
444272.99	3748485.77	62133.63553	0.00119	0.06870	1.58651E-07	2.14399	3.18043E-05	0.00122
444372.99	3748485.77	46583.3218	0.00089	0.06349	1.46619E-07	0.83445	1.23784E-05	0.00090
444472.99	3748485.77	36530.82707	0.00070	0.05844	1.34957E-07	0.48158	7.14383E-06	0.00071
444572.99	3748485.77	29821.32815	0.00057	0.05371	1.24034E-07	0.32045	4.75361E-06	0.00058
444672.99	3748485.77	25128.54728	0.00048	0.04936	1.13988E-07	0.23094	3.42580E-06	0.00048
444772.99	3748485.77	21713.03776	0.00042	0.04543	1.04913E-07	0.17660	2.61971E-06	0.00042
444872.99	3748485.77	19210.106	0.00037	0.04206	9.71302E-08	0.14200	2.10645E-06	0.00037
444972.99	3748485.77	17183.45004	0.00033	0.03897	8.99944E-08	0.11790	1.74895E-06	0.00033
445072.99	3748485.77	15518.91931	0.00030	0.03620	8.35976E-08	0.10022	1.48668E-06	0.00030
445172.99	3748485.77	14238.49138	0.00027	0.03394	7.83785E-08	0.08706	1.29146E-06	0.00027
445272.99	3748485.77	13125.00088	0.00025	0.03188	7.36213E-08	0.07651	1.13496E-06	0.00025
445372.99	3748485.77	12220.60258	0.00023	0.03017	6.96723E-08	0.06798	1.00843E-06	0.00024
445472.99	3748485.77	11400.74121	0.00022	0.02856	6.59543E-08	0.06088	9.03104E-07	0.00022
445572.99	3748485.77	10683.87176	0.00020	0.02714	6.26751E-08	0.05492	8.14692E-07	0.00021
443047.86	3748855.7	210012.8747	0.00402	1.16706	2.69512E-06	0.03895	5.77790E-07	0.00403
443030.11	3748868.74	202622.1856	0.00388	0.99029	2.28690E-06	0.03798	5.63401E-07	0.00388
443016.91	3748884.58	220213.9166	0.00422	0.88024	2.03276E-06	0.03706	5.49754E-07	0.00422
442999.31	3748898.66	211000.3739	0.00404	0.76221	1.76019E-06	0.03613	5.35958E-07	0.00404
442983.47	3748918.02	220427.9238	0.00422	0.67038	1.54813E-06	0.03512	5.20976E-07	0.00422
442962.35	3748934.74	202222.5618	0.00387	0.57481	1.32742E-06	0.03412	5.06141E-07	0.00388
442947.39	3748948.82	192719.6938	0.00369	0.51727	1.19454E-06	0.03340	4.95461E-07	0.00369
442935.07	3748963.78	192203.6578	0.00368	0.47339	1.09321E-06	0.03274	4.85670E-07	0.00368
442916.59	3748985.78	194353.7418	0.00372	0.41469	9.57654E-07	0.03171	4.70391E-07	0.00372
442898.98	3749001.62	177140.4776	0.00339	0.36979	8.53965E-07	0.03093	4.58820E-07	0.00339
442881.38	3749017.46	155340.8234	0.00298	0.33228	7.67342E-07	0.03026	4.48882E-07	0.00298
442868.18	3749033.31	142109.9448	0.00272	0.30498	7.04298E-07	0.02966	4.39981E-07	0.00272
442854.1	3749046.51	120139.2036	0.00230	0.28105	6.49036E-07	0.02915	4.32416E-07	0.00230
442832.98	3749062.35	86466.1982	0.00166	0.25129	5.80310E-07	0.02848	4.22477E-07	0.00166
442816.26	3749081.71	65380.88559	0.00125	0.22807	5.26688E-07	0.02783	4.12835E-07	0.00125
442801.3	3749094.91	51695.4329	0.00099	0.21126	4.87868E-07	0.02734	4.05566E-07	0.00099
442780.18	3749111.63	39318.28796	0.00075	0.19090	4.40850E-07	0.02669	3.95924E-07	0.00075
442764.34	3749127.47	32709.28705	0.00063	0.17669	4.08035E-07	0.02619	3.88507E-07	0.00063
442750.26	3749130.11	29688.05431	0.00057	0.16864	3.89445E-07	0.02597	3.85243E-07	0.00057
442722.1	3749138.03	24768.17223	0.00047	0.15355	3.54597E-07	0.02549	3.78123E-07	0.00048
442705.38	3749146.83	22404.14596	0.00043	0.14457	3.33859E-07	0.02511	3.72486E-07	0.00043
442678.1	3749144.19	20231.02573	0.00039	0.13481	3.11320E-07	0.02478	3.67590E-07	0.00039
442659.62	3749147.71	18786.18742	0.00036	0.12784	2.95224E-07	0.02448	3.63140E-07	0.00036
442638.49	3749145.07	17606.57505	0.00034	0.12161	2.80837E-07	0.02423	3.59432E-07	0.00034

442662.26	3749101.07	20772.64481	0.00040	0.13666	3.15592E-07	0.02523	3.74266E-07	0.00040
442694.82	3749095.79	24087.61576	0.00046	0.15076	3.48154E-07	0.02579	3.82573E-07	0.00046
442709.78	3749094.03	25988.60316	0.00050	0.15790	3.64642E-07	0.02604	3.86281E-07	0.00050
442730.02	3749086.99	29427.25996	0.00056	0.16957	3.91592E-07	0.02647	3.92660E-07	0.00056
442752.02	3749068.51	34986.54241	0.00067	0.18672	4.31197E-07	0.02715	4.02747E-07	0.00067
442796.9	3749035.95	51002.74456	0.00098	0.22883	5.28443E-07	0.02854	4.23367E-07	0.00098
442817.14	3749007.78	57950.67101	0.00111	0.25664	5.92665E-07	0.02949	4.37459E-07	0.00111
442845.3	3748987.54	71715.26817	0.00137	0.29572	6.82914E-07	0.03044	4.51552E-07	0.00137
442865.54	3748973.46	82989.47291	0.00159	0.32894	7.59629E-07	0.03113	4.61787E-07	0.00159
442840.9	3748956.74	60505.14351	0.00116	0.29743	6.86862E-07	0.03105	4.60601E-07	0.00116
442888.42	3748944.42	86702.41897	0.00166	0.37644	8.69322E-07	0.03234	4.79737E-07	0.00166
442871.7	3748932.1	69369.71374	0.00133	0.34792	8.03460E-07	0.03230	4.79143E-07	0.00133
442872.58	3748910.98	63308.89916	0.00121	0.35178	8.12374E-07	0.03282	4.86857E-07	0.00121
442880.5	3748896.9	62905.42944	0.00121	0.36682	8.47107E-07	0.03335	4.94719E-07	0.00121
442906.02	3748895.14	75267.11039	0.00144	0.42037	9.70771E-07	0.03399	5.04213E-07	0.00144
442925.39	3748905.7	93494.90827	0.00179	0.46767	1.08000E-06	0.03421	5.07477E-07	0.00179
442928.03	3748871.38	76464.68309	0.00146	0.47456	1.09591E-06	0.03520	5.22162E-07	0.00147
442942.99	3748881.94	92304.92789	0.00177	0.52148	1.20427E-06	0.03529	5.23497E-07	0.00177
442959.71	3748871.38	98151.40109	0.00188	0.58004	1.33950E-06	0.03602	5.34326E-07	0.00188
442923.63	3748842.34	62944.78799	0.00121	0.45462	1.04987E-06	0.03590	5.32546E-07	0.00121
442937.71	3748821.22	60657.23003	0.00116	0.48229	1.11376E-06	0.03692	5.47677E-07	0.00116
442971.15	3748822.98	74911.66051	0.00144	0.60302	1.39257E-06	0.03781	5.60879E-07	0.00144
442986.11	3748841.46	95832.1247	0.00184	0.68802	1.58886E-06	0.03763	5.58209E-07	0.00184
442985.23	3748812.42	75851.49547	0.00145	0.65520	1.51307E-06	0.03857	5.72153E-07	0.00146
443001.95	3748822.1	90383.00519	0.00173	0.75575	1.74527E-06	0.03878	5.75269E-07	0.00173
443063.55	3748836.18	185637.3896	0.00356	1.36712	3.15712E-06	0.04016	5.95740E-07	0.00356
443064.43	3748815.06	138633.1395	0.00266	1.34855	3.11424E-06	0.04095	6.07459E-07	0.00266
443051.23	3748791.3	99745.47349	0.00191	1.11035	2.56416E-06	0.04124	6.11761E-07	0.00191
443003.71	3748799.22	76578.1778	0.00147	0.73147	1.68920E-06	0.03961	5.87581E-07	0.00147
442974.67	3748795.7	63979.92921	0.00123	0.58480	1.35049E-06	0.03881	5.75714E-07	0.00123
443038.91	3748779.86	83682.53834	0.00160	0.94633	2.18538E-06	0.04126	6.12057E-07	0.00161
443027.47	3748759.61	68011.07879	0.00130	0.78572	1.81448E-06	0.04165	6.17843E-07	0.00131
443023.95	3748743.77	61456.1562	0.00118	0.71380	1.64840E-06	0.04207	6.24073E-07	0.00118
443008.99	3748724.41	52834.20768	0.00101	0.58681	1.35513E-06	0.04223	6.26446E-07	0.00101
443008.99	3748702.41	48812.67458	0.00094	0.53777	1.24189E-06	0.04294	6.36979E-07	0.00094
443097.87	3748795.7	144509.399	0.00277	1.95322	4.51062E-06	0.04273	6.33864E-07	0.00277
443090.83	3748778.98	112513.4431	0.00216	1.64624	3.80170E-06	0.04303	6.38314E-07	0.00216
443071.47	3748764.01	89735.28573	0.00172	1.22125	2.82026E-06	0.04280	6.34902E-07	0.00172
443064.43	3748742.01	75079.60815	0.00144	1.01173	2.33641E-06	0.04326	6.41726E-07	0.00144
443051.23	3748723.53	64913.31441	0.00124	0.82158	1.89730E-06	0.04336	6.43209E-07	0.00125
443042.43	3748707.69	58084.14359	0.00111	0.70747	1.63378E-06	0.04365	6.47511E-07	0.00111
443042.43	3748691.85	54575.3697	0.00105	0.65272	1.50734E-06	0.04419	6.55521E-07	0.00105
443141.87	3748742.01	92508.44877	0.00177	2.29450	5.29875E-06	0.04659	6.91123E-07	0.00178
443121.63	3748726.17	79821.55011	0.00153	1.53496	3.54472E-06	0.04631	6.86970E-07	0.00153
443107.55	3748705.05	69228.67506	0.00133	1.11935	2.58494E-06	0.04645	6.89047E-07	0.00133
443088.19	3748676.01	58785.20774	0.00113	0.78875	1.82148E-06	0.04662	6.91568E-07	0.00113
443145.39	3748708.57	76310.63869	0.00146	1.53184	3.53752E-06	0.04817	7.14561E-07	0.00147
443176.19	3748679.53	72940.98443	0.00140	1.23576	2.85377E-06	0.05108	7.57729E-07	0.00140
443103.15	3748670.73	59844.50534	0.00115	0.82510	1.90542E-06	0.04755	7.05364E-07	0.00115
443230.76	3748790.42	130882.1845	0.00251	18.60532	4.29657E-05	0.04933	7.31769E-07	0.00255
443242.2	3748767.54	114843.5176	0.00220	6.59912	1.52395E-05	0.05107	7.57580E-07	0.00222
443255.4	3748742.89	106729.7963	0.00204	3.31496	7.65532E-06	0.05299	7.86062E-07	0.00205
443265.08	3748712.97	101194.9204	0.00194	1.91868	4.43086E-06	0.05509	8.17214E-07	0.00194
443278.28	3748687.45	103454.928	0.00198	1.34529	3.10671E-06	0.05722	8.48810E-07	0.00199
443297.64	3748659.29	115486.7744	0.00221	0.95696	2.20993E-06	0.06029	8.94351E-07	0.00222
443306.44	3748793.94	176747.1812	0.00339	5.89623	1.36163E-05	0.05284	7.83837E-07	0.00340
443339.88	3748786.02	218855.1373	0.00419	3.56274	8.22752E-06	0.05536	8.21219E-07	0.00420
443371.56	3748768.42	254359.1701	0.00487	2.13893	4.93948E-06	0.05886	8.73139E-07	0.00488
443392.68	3748756.97	283191.5399	0.00542	1.62568	3.75422E-06	0.06126	9.08740E-07	0.00543

443418.2	3748739.37	305319.471	0.00585	1.17862	2.72182E-06	0.06463	9.58732E-07	0.00585
443444.6	3748724.41	331339.4108	0.00635	0.91862	2.12139E-06	0.06799	1.00857E-06	0.00635
443471.89	3748711.21	352629.5049	0.00676	0.73086	1.68779E-06	0.07205	1.06880E-06	0.00676
443496.53	3748694.49	350021.8916	0.00671	0.59044	1.36352E-06	0.07635	1.13259E-06	0.00671
443525.57	3748681.29	373050.6798	0.00715	0.49316	1.13887E-06	0.08106	1.20246E-06	0.00715
443548.45	3748668.09	358960.5146	0.00688	0.42023	9.70448E-07	0.08582	1.27307E-06	0.00688
443583.65	3748651.37	400462.1822	0.00767	0.34539	7.97618E-07	0.09328	1.38373E-06	0.00767
443383	3748960.26	133538.0916	0.00256	5.96445	1.37739E-05	0.04935	7.32066E-07	0.00257
443380.36	3748936.5	162270.5185	0.00311	5.89136	1.36051E-05	0.05043	7.48087E-07	0.00312
443370.68	3748910.1	240582.1946	0.00461	6.18113	1.42742E-05	0.05127	7.60547E-07	0.00462
443386.52	3748896.02	322411.9068	0.00618	4.83508	1.11658E-05	0.05297	7.85765E-07	0.00619
443423.48	3748874.9	363290.0509	0.00696	2.97689	6.87461E-06	0.05666	8.40503E-07	0.00697
443448.13	3748859.94	361474.4992	0.00692	2.21746	5.12084E-06	0.05943	8.81594E-07	0.00693
443465.73	3748849.38	354929.9898	0.00680	1.82300	4.20990E-06	0.06153	9.12746E-07	0.00680
443497.41	3748829.14	347474.2568	0.00666	1.30052	3.00332E-06	0.06580	9.76088E-07	0.00666
443513.25	3748820.34	340577.5219	0.00652	1.11900	2.58413E-06	0.06803	1.00917E-06	0.00653
443539.65	3748809.78	331234.3433	0.00635	0.91433	2.11148E-06	0.07150	1.06064E-06	0.00635
443559.89	3748803.62	323858.7384	0.00620	0.80175	1.85150E-06	0.07415	1.09995E-06	0.00621
443581.89	3748796.58	322121.9668	0.00617	0.69818	1.61232E-06	0.07732	1.14698E-06	0.00617
443602.13	3748793.06	309344.0996	0.00593	0.62524	1.44388E-06	0.08023	1.19014E-06	0.00593
443624.13	3748791.3	291487.2123	0.00558	0.56369	1.30174E-06	0.08339	1.23702E-06	0.00559
443642.61	3748786.9	297983.1885	0.00571	0.51578	1.19110E-06	0.08641	1.28182E-06	0.00571
443661.09	3748783.38	296862.9946	0.00569	0.47409	1.09483E-06	0.08960	1.32914E-06	0.00569
443683.97	3748786.02	260171.5022	0.00498	0.43928	1.01444E-06	0.09310	1.38106E-06	0.00499
443535.25	3748597.69	405540.8033	0.00777	0.30735	7.09771E-07	0.09326	1.38343E-06	0.00777
443511.49	3748617.05	378274.7669	0.00725	0.36228	8.36622E-07	0.08701	1.29072E-06	0.00725
443491.25	3748637.29	353207.8124	0.00677	0.42749	9.87213E-07	0.08190	1.21492E-06	0.00677
443468.37	3748647.85	375088.9332	0.00719	0.49445	1.14185E-06	0.07778	1.15380E-06	0.00719
443441.08	3748674.25	298445.2561	0.00572	0.63096	1.45709E-06	0.07252	1.07577E-06	0.00572
443414.68	3748689.21	265378.8818	0.00508	0.78643	1.81612E-06	0.06850	1.01614E-06	0.00509
443389.16	3748705.93	212270.8218	0.00407	1.01202	2.33708E-06	0.06472	9.60067E-07	0.00407
443307.32	3748632.01	122183.1853	0.00234	0.73870	1.70590E-06	0.06289	9.32920E-07	0.00234
443322.28	3748600.33	127391.4149	0.00244	0.57308	1.32343E-06	0.06657	9.87510E-07	0.00244
443336.36	3748572.17	129774.9112	0.00249	0.46485	1.07349E-06	0.07031	1.04299E-06	0.00249
443355.72	3748617.05	213655.3247	0.00409	0.60380	1.39437E-06	0.06799	1.00857E-06	0.00410
443377.72	3748583.61	244593.9398	0.00469	0.47082	1.08728E-06	0.07286	1.08082E-06	0.00469
443387.4	3748555.45	224604.3893	0.00430	0.40157	9.27356E-07	0.07670	1.13778E-06	0.00430
443399.72	3748531.69	244972.8528	0.00469	0.35276	8.14637E-07	0.08038	1.19237E-06	0.00469
443409.4	3748510.57	274026.1709	0.00525	0.31619	7.30185E-07	0.08379	1.24295E-06	0.00525
443339.88	3748550.17	123263.4873	0.00236	0.40894	9.44375E-07	0.07252	1.07577E-06	0.00236
443358.36	3748517.61	126440.3269	0.00242	0.33399	7.71291E-07	0.07783	1.15454E-06	0.00242
443360.12	3748489.44	120131.7484	0.00230	0.29734	6.86655E-07	0.08068	1.19682E-06	0.00230
443372.44	3748464.8	126718.464	0.00243	0.27139	6.26728E-07	0.08451	1.25363E-06	0.00243
443394.44	3748441.04	127907.8979	0.00245	0.23966	5.53453E-07	0.09104	1.35050E-06	0.00245
443497.41	3748439.28	353276.6159	0.00677	0.21416	4.94565E-07	0.10909	1.61826E-06	0.00677
443522.05	3748422.56	264411.2593	0.00507	0.19356	4.46993E-07	0.11899	1.76512E-06	0.00507
443541.41	3748404.08	218742.6918	0.00419	0.17629	4.07111E-07	0.12900	1.91361E-06	0.00419
443557.25	3748392.64	199557.137	0.00382	0.16445	3.79768E-07	0.13736	2.03762E-06	0.00383
443580.13	3748376.8	194395.3589	0.00372	0.15282	3.52911E-07	0.14988	2.22334E-06	0.00373
443602.13	3748365.36	197044.8026	0.00377	0.14348	3.31342E-07	0.16263	2.41248E-06	0.00378
443623.25	3748346	187984.3226	0.00360	0.13391	3.09242E-07	0.18017	2.67267E-06	0.00360
443653.17	3748335.44	216495.8984	0.00415	0.12619	2.91414E-07	0.20126	2.98552E-06	0.00415
443671.65	3748321.36	212457.187	0.00407	0.11948	2.75918E-07	0.22207	3.29422E-06	0.00407
443508.85	3748368.88	128953.6368	0.00247	0.16704	3.85750E-07	0.12895	1.91286E-06	0.00247
443479.81	3748380.32	128402.5187	0.00246	0.18019	4.16117E-07	0.11823	1.75384E-06	0.00246
443526.45	3748355.68	123579.4457	0.00237	0.15704	3.62656E-07	0.13799	2.04697E-06	0.00237
443548.45	3748339.84	119664.9572	0.00229	0.14651	3.38339E-07	0.15056	2.23343E-06	0.00229
443571.33	3748324	119197.4498	0.00228	0.13798	3.18641E-07	0.16529	2.45194E-06	0.00229
443590.69	3748310.8	117525.8448	0.00225	0.13064	3.01690E-07	0.18006	2.67104E-06	0.00225

443612.69	3748296.72	114473.0413	0.00219	0.12227	2.82361E-07	0.19979	2.96372E-06	0.00220
443636.45	3748282.64	114501.4989	0.00219	0.11520	2.66034E-07	0.22442	3.32908E-06	0.00220
443654.93	3748265.92	108413.3303	0.00208	0.10826	2.50007E-07	0.25278	3.74978E-06	0.00208
443672.53	3748246.56	100775.6636	0.00193	0.10162	2.34674E-07	0.28994	4.30102E-06	0.00194
443689.25	3748231.6	95613.01562	0.00183	0.09609	2.21903E-07	0.33041	4.90135E-06	0.00184
443706.85	3748215.75	91198.51138	0.00175	0.09111	2.10403E-07	0.38476	5.70759E-06	0.00175
443691.02	3748297.6	180994.3228	0.00347	0.11046	2.55088E-07	0.25717	3.81490E-06	0.00347
443707.74	3748282.64	162954.5199	0.00312	0.10320	2.38322E-07	0.29131	4.32134E-06	0.00313
443725.34	3748266.8	146672.4254	0.00281	0.09571	2.21025E-07	0.33591	4.98294E-06	0.00281
443741.18	3748257.12	143450.6011	0.00275	0.09082	2.09733E-07	0.37639	5.58343E-06	0.00275
443759.66	3748243.03	143769.7542	0.00275	0.08760	2.02297E-07	0.44484	6.59883E-06	0.00276
443773.74	3748221.03	124319.4596	0.00238	0.08257	1.90681E-07	0.54504	8.08521E-06	0.00239
443794.86	3748203.43	119731.5823	0.00229	0.07863	1.81582E-07	0.71810	1.06524E-05	0.00230
443813.34	3748185.83	114038.1324	0.00218	0.07565	1.74700E-07	1.00550	1.49157E-05	0.00220
443824.78	3748163.83	97942.50927	0.00188	0.07271	1.67911E-07	1.51251	2.24368E-05	0.00190
443842.38	3748150.63	93928.81141	0.00180	0.07049	1.62784E-07	2.68803	3.98747E-05	0.00184
443794.86	3748123.35	66863.12323	0.00128	0.07120	1.64424E-07	1.68129	2.49405E-05	0.00131
443808.06	3748106.63	63660.40179	0.00122	0.06927	1.59967E-07	3.08244	4.57254E-05	0.00127
443773.74	3748145.35	71632.66635	0.00137	0.07490	1.72968E-07	0.97415	1.44507E-05	0.00139
443762.3	3748169.11	80258.68697	0.00154	0.07859	1.81490E-07	0.71543	1.06128E-05	0.00155
443749.1	3748183.19	84442.02833	0.00162	0.08163	1.88510E-07	0.58754	8.71566E-06	0.00163
443724.46	3748197.27	85906.21693	0.00165	0.08641	1.99549E-07	0.46341	6.87430E-06	0.00165
443669.01	3748506.17	456278.4236	0.00874	0.16757	3.86974E-07	0.14126	2.09547E-06	0.00874
443691.02	3748531.69	421421.424	0.00807	0.16827	3.88590E-07	0.14170	2.10200E-06	0.00808
443709.5	3748544.89	408531.8123	0.00783	0.16773	3.87343E-07	0.14405	2.13686E-06	0.00783
443731.5	3748574.81	488479.0595	0.00936	0.17863	4.12515E-07	0.14217	2.10897E-06	0.00936
443760.54	3748588.01	492227.4151	0.00943	0.17756	4.10044E-07	0.14773	2.19145E-06	0.00943
443782.54	3748564.25	368499.4921	0.00706	0.15708	3.62749E-07	0.16425	2.43651E-06	0.00706
443807.18	3748539.61	319286.6409	0.00612	0.14048	3.24414E-07	0.18532	2.74907E-06	0.00612
443826.54	3748515.85	295794.0235	0.00567	0.12810	2.95825E-07	0.20785	3.08328E-06	0.00567
443852.94	3748491.21	291598.55	0.00559	0.11605	2.67997E-07	0.24221	3.59298E-06	0.00559
443863.5	3748470.09	277268.5411	0.00531	0.10896	2.51624E-07	0.26879	3.98727E-06	0.00532
443881.98	3748439.28	262953.8267	0.00504	0.09933	2.29385E-07	0.32376	4.80271E-06	0.00504
443881.1	3748410.24	241788.1868	0.00463	0.09414	2.17400E-07	0.36454	5.40764E-06	0.00464
443899.59	3748423.44	266522.7554	0.00511	0.09391	2.16869E-07	0.37503	5.56325E-06	0.00511
443891.66	3748384.72	235403.7434	0.00451	0.08859	2.04583E-07	0.43548	6.45998E-06	0.00452
443911.07	3748370.97	234941.6867	0.00450	0.08415	1.94330E-07	0.52822	7.83570E-06	0.00451
443929.51	3748345.54	235422.6524	0.00451	0.07917	1.82829E-07	0.71749	1.06434E-05	0.00452
443939.05	3748329.01	231931.1024	0.00444	0.07629	1.76178E-07	0.90372	1.34059E-05	0.00446
443954.95	3748309.93	224662.7903	0.00430	0.07269	1.67865E-07	1.34686	1.99795E-05	0.00432
443975.29	3748291.49	204705.4954	0.00392	0.06867	1.58581E-07	2.68357	3.98085E-05	0.00396
443932.69	3748260.34	287598.7256	0.00551	0.07062	1.63085E-07	2.00544	2.97490E-05	0.00554
443907.9	3748288.95	305443.0448	0.00585	0.07634	1.76294E-07	0.96108	1.42568E-05	0.00587
443892	3748306.75	297497.9152	0.00570	0.07984	1.84376E-07	0.71213	1.05638E-05	0.00571
443878.65	3748325.19	283314.3591	0.00543	0.08332	1.92413E-07	0.56682	8.40830E-06	0.00544
443864.66	3748341.09	277314.9959	0.00531	0.08690	2.00680E-07	0.47230	7.00617E-06	0.00532
443848.13	3748357.62	283187.1332	0.00542	0.09170	2.11765E-07	0.39491	5.85816E-06	0.00543
443829.69	3748376.69	283464.7409	0.00543	0.09708	2.24189E-07	0.33284	4.93740E-06	0.00544
443795.99	3748384.96	330485.0607	0.00633	0.10430	2.40863E-07	0.28063	4.16291E-06	0.00634
443774.37	3748402.76	337392.4264	0.00646	0.11110	2.56566E-07	0.24472	3.63022E-06	0.00647
443747.03	3748423.75	362819.9905	0.00695	0.12136	2.80260E-07	0.21012	3.11695E-06	0.00695
443723.5	3748442.19	373955.1071	0.00716	0.13046	3.01275E-07	0.18720	2.77695E-06	0.00717
443705.7	3748458.72	369782.5154	0.00708	0.13769	3.17971E-07	0.17199	2.55133E-06	0.00709
443678.36	3748482.88	427820.1458	0.00820	0.15520	3.58407E-07	0.15160	2.24886E-06	0.00820
443730.5	3748499.41	305459.9715	0.00585	0.14289	3.29979E-07	0.16694	2.47641E-06	0.00585
443747.03	3748481.61	284789.4186	0.00546	0.13315	3.07487E-07	0.18177	2.69640E-06	0.00546
443773.1	3748465.71	271642.7095	0.00520	0.12426	2.86957E-07	0.20301	3.01148E-06	0.00521
443753.39	3748477.79	281119.2025	0.00539	0.13094	3.02383E-07	0.18654	2.76716E-06	0.00539
443778.19	3748500.05	270269.4517	0.00518	0.13241	3.05778E-07	0.18874	2.79980E-06	0.00518

443792.17	3748480.97	261838.4611	0.00502	0.12460	2.87742E-07	0.20589	3.05420E-06	0.00502
443816.97	3748455.54	251020.7707	0.00481	0.11355	2.62224E-07	0.23930	3.54981E-06	0.00481
443801.08	3748442.82	261440.0038	0.00501	0.11384	2.62894E-07	0.23592	3.49967E-06	0.00501
443815.7	3748424.38	259012.8826	0.00496	0.10744	2.48114E-07	0.26322	3.90465E-06	0.00497
443834.14	3748437.73	246496.7145	0.00472	0.10672	2.46451E-07	0.26917	3.99291E-06	0.00473
443855.06	3748084.13	61799.66135	0.00118	0.06504	1.50198E-07	6.01320	8.92008E-05	0.00127
443836.57	3748062.13	56032.7779	0.00107	0.06437	1.48651E-07	5.79532	8.59687E-05	0.00116
443812.81	3748041	51684.6916	0.00099	0.06350	1.46642E-07	6.67524	9.90216E-05	0.00109
443769.68	3747996.11	45635.97821	0.00087	0.06030	1.39252E-07	6.98573	1.03627E-04	0.00098
443828.65	3748013.72	50659.10459	0.00097	0.06054	1.39807E-07	2.78547	4.13201E-05	0.00101
443816.33	3747989.95	48575.81104	0.00093	0.05803	1.34010E-07	2.39973	3.55980E-05	0.00097
443813.69	3747954.75	48915.81268	0.00094	0.05449	1.25835E-07	1.74138	2.58319E-05	0.00096
443764.4	3747961.79	44535.53706	0.00085	0.05701	1.31655E-07	3.65084	5.41571E-05	0.00091
443730.07	3747945.06	41823.34905	0.00080	0.05700	1.31632E-07	5.74477	8.52188E-05	0.00089
443706.31	3747923.06	40452.93799	0.00077	0.05690	1.31401E-07	6.68435	9.91567E-05	0.00087
443688.7	3747902.81	39174.00753	0.00075	0.05633	1.30084E-07	6.47949	9.61178E-05	0.00085
443664.94	3747880.81	36872.73387	0.00071	0.05537	1.27867E-07	7.20237	1.06841E-04	0.00081
443646.45	3747852.64	35241.6559	0.00068	0.05394	1.24565E-07	6.00744	8.91153E-05	0.00076
443619.17	3747824.48	33242.45766	0.00064	0.05294	1.22256E-07	6.20254	9.20095E-05	0.00073
443604.2	3747805.99	32506.68567	0.00062	0.05241	1.21032E-07	6.17267	9.15664E-05	0.00071
443618.29	3747776.95	33236.16689	0.00064	0.05016	1.15836E-07	3.76424	5.58393E-05	0.00069
443639.41	3747752.3	34331.70064	0.00066	0.04796	1.10755E-07	3.36329	4.98916E-05	0.00071
443670.22	3747725.02	36521.08788	0.00070	0.04555	1.05190E-07	2.98399	4.42650E-05	0.00074
443702.78	3747688.05	39812.2897	0.00076	0.04294	9.91624E-08	4.06299	6.02710E-05	0.00082
443684.3	3747671.33	37167.7708	0.00071	0.04259	9.83541E-08	5.08300	7.54020E-05	0.00079
443719.51	3747704.77	42664.42001	0.00082	0.04327	9.99245E-08	3.72080	5.51949E-05	0.00087
443730.07	3747724.14	45137.71607	0.00086	0.04398	1.01564E-07	3.08482	4.57607E-05	0.00091
443752.96	3747739.98	50657.38891	0.00097	0.04419	1.02049E-07	3.37538	5.00709E-05	0.00102
443766.16	3747760.22	55392.65205	0.00106	0.04511	1.04174E-07	3.03239	4.49830E-05	0.00111
443789.04	3747782.23	63467.92964	0.00122	0.04558	1.05259E-07	3.15003	4.67280E-05	0.00126
443802.25	3747798.07	69610.52997	0.00133	0.04615	1.06575E-07	3.07128	4.55599E-05	0.00138
443819.85	3747817.44	80861.22878	0.00155	0.04714	1.08862E-07	3.19504	4.73957E-05	0.00160
443838.33	3747832.4	95417.30965	0.00183	0.04773	1.10224E-07	3.61888	5.36830E-05	0.00188
443855.06	3747848.24	108077.3321	0.00207	0.04829	1.11517E-07	3.77117	5.59421E-05	0.00213
443868.26	3747867.61	107478.3622	0.00206	0.04896	1.13065E-07	3.23179	4.79409E-05	0.00211
443885.86	3747890.49	100963.6386	0.00193	0.04954	1.14404E-07	2.53092	3.75441E-05	0.00197
443905.23	3747909.86	96406.84229	0.00185	0.05010	1.15697E-07	1.75664	2.60583E-05	0.00187
443919.31	3747930.1	87632.65741	0.00168	0.05155	1.19046E-07	1.20510	1.78766E-05	0.00170
443942.2	3747945.94	93483.86671	0.00179	0.05380	1.24242E-07	0.95157	1.41157E-05	0.00181
443955.4	3747961.79	78874.55307	0.00151	0.05356	1.23687E-07	0.87148	1.29277E-05	0.00152
443984.44	3747930.1	131764.2959	0.00252	0.05010	1.15697E-07	0.90306	1.33961E-05	0.00254
443991.49	3747911.62	195341.5094	0.00374	0.04869	1.12441E-07	1.00199	1.48637E-05	0.00376
443994.13	3747889.61	301239.2755	0.00577	0.04774	1.10247E-07	1.12807	1.67340E-05	0.00579
444004.69	3747868.49	284421.8857	0.00545	0.04543	1.04913E-07	1.09530	1.62479E-05	0.00546
444006.45	3747849.12	309689.0566	0.00593	0.04448	1.02719E-07	1.05810	1.56960E-05	0.00595
444014.37	3747831.52	306032.0132	0.00586	0.04342	1.00271E-07	0.93711	1.39012E-05	0.00588
444017.01	3747807.75	333814.2396	0.00639	0.04266	9.85158E-08	0.84804	1.25800E-05	0.00641
444024.93	3747790.15	333127.0634	0.00638	0.04191	9.67838E-08	0.74949	1.11181E-05	0.00639
444036.38	3747768.15	325770.5392	0.00624	0.04092	9.44976E-08	0.63974	9.49000E-06	0.00625
444047.82	3747747.9	321250.3887	0.00615	0.03998	9.23268E-08	0.55370	8.21367E-06	0.00616
444058.38	3747728.54	318280.5976	0.00610	0.03899	9.00406E-08	0.48451	7.18730E-06	0.00610
444071.58	3747710.05	306678.1823	0.00587	0.03797	8.76851E-08	0.42185	6.25779E-06	0.00588
444086.55	3747695.97	282912.5283	0.00542	0.03707	8.56067E-08	0.37297	5.53270E-06	0.00543
444102.39	3747681.89	259155.2597	0.00496	0.03619	8.35745E-08	0.33058	4.90388E-06	0.00497
444114.71	3747666.93	248627.9297	0.00476	0.03551	8.20041E-08	0.29847	4.42755E-06	0.00477
444132.32	3747655.48	223984.1903	0.00429	0.03480	8.03645E-08	0.26901	3.99054E-06	0.00429
444112.95	3747621.16	296579.2566	0.00568	0.03418	7.89327E-08	0.25090	3.72189E-06	0.00569
443727.52	3747635.24	43376.31039	0.00083	0.04043	9.33660E-08	6.31366	9.36578E-05	0.00092
443741.61	3747647.56	46439.53042	0.00089	0.04062	9.38048E-08	5.92585	8.79050E-05	0.00098

443754.81	3747668.68	49387.0663	0.00095	0.04097	9.46130E-08	7.04947	1.04573E-04	0.00105
443769.77	3747684.53	53007.59256	0.00102	0.04104	9.47747E-08	6.76168	1.00304E-04	0.00112
443780.34	3747695.09	58000.46143	0.00111	0.04163	9.61372E-08	5.95544	8.83439E-05	0.00120
443797.06	3747714.46	66412.93594	0.00127	0.04244	9.80077E-08	5.92756	8.79304E-05	0.00136
443809.38	3747727.66	74321.9241	0.00142	0.04307	9.94626E-08	5.76002	8.54450E-05	0.00151
443823.47	3747745.26	86468.07186	0.00166	0.04403	1.01680E-07	5.97293	8.86034E-05	0.00175
443846.35	3747775.19	110938.7016	0.00213	0.04498	1.03873E-07	7.26984	1.07842E-04	0.00223
443860.44	3747786.63	133146.7479	0.00255	0.04517	1.04312E-07	6.62934	9.83407E-05	0.00265
443868.36	3747769.91	143596.4352	0.00275	0.04426	1.02211E-07	3.78965	5.62163E-05	0.00281
443879.8	3747749.66	156618.4513	0.00300	0.04304	9.93933E-08	2.30912	3.42538E-05	0.00303
443887.72	3747723.26	157150.1708	0.00301	0.04147	9.57677E-08	1.58687	2.35399E-05	0.00303
443892.12	3747702.13	152859.4486	0.00293	0.04014	9.26963E-08	1.26552	1.87729E-05	0.00295
443895.64	3747682.77	145153.2997	0.00278	0.03867	8.93016E-08	1.03668	1.53783E-05	0.00280
443893	3747660.76	133927.3574	0.00257	0.03768	8.70154E-08	0.88406	1.31143E-05	0.00258
443893.88	3747640.52	132372.2907	0.00254	0.03695	8.53295E-08	0.74881	1.11080E-05	0.00255
443897.41	3747621.15	135615.1023	0.00260	0.03625	8.37130E-08	0.62783	9.31333E-06	0.00261
443900.05	3747604.43	137993.9268	0.00264	0.03567	8.23736E-08	0.54178	8.03685E-06	0.00265
443899.17	3747585.94	134182.7558	0.00257	0.03510	8.10573E-08	0.47008	6.97324E-06	0.00258
443901.81	3747563.94	136289.9025	0.00261	0.03445	7.95562E-08	0.39441	5.85074E-06	0.00262
443901.81	3747546.33	134571.5707	0.00258	0.03400	7.85170E-08	0.34870	5.17267E-06	0.00258
443904.45	3747526.97	137485.8622	0.00263	0.03353	7.74317E-08	0.30577	4.53584E-06	0.00264
443903.57	3747507.6	133394.9761	0.00256	0.03307	7.63694E-08	0.27209	4.03623E-06	0.00256
443901.81	3747487.36	127174.1352	0.00244	0.03258	7.52378E-08	0.24264	3.59936E-06	0.00244
443905.33	3747466.23	129276.3411	0.00248	0.03202	7.39446E-08	0.21521	3.19246E-06	0.00248
443904.45	3747445.99	120244.3566	0.00230	0.03124	7.21433E-08	0.18890	2.80217E-06	0.00231
443903.57	3747429.26	114924.3563	0.00220	0.03078	7.10810E-08	0.17221	2.55459E-06	0.00220
443904.45	3747407.26	113101.66	0.00217	0.03028	6.99264E-08	0.15612	2.31591E-06	0.00217
443903.57	3747388.77	109692.9648	0.00210	0.02991	6.90719E-08	0.14457	2.14457E-06	0.00210
443900.93	3747365.01	104609.1226	0.00200	0.02949	6.81020E-08	0.13203	1.95855E-06	0.00201
443894.76	3747341.24	96282.87578	0.00184	0.02916	6.73399E-08	0.12141	1.80102E-06	0.00185
443891.24	3747320.99	91690.81929	0.00176	0.02885	6.66240E-08	0.11276	1.67270E-06	0.00176
443886.84	3747302.51	86317.79193	0.00165	0.02860	6.60467E-08	0.10563	1.56693E-06	0.00166
443883.32	3747278.74	81701.79594	0.00157	0.02824	6.52153E-08	0.09732	1.44366E-06	0.00157
443882.44	3747257.62	79547.63147	0.00152	0.02790	6.44302E-08	0.09077	1.34650E-06	0.00153
443875.4	3747240.89	70741.01891	0.00136	0.02774	6.40607E-08	0.08688	1.28879E-06	0.00136
443862.2	3747223.29	57423.34717	0.00110	0.02761	6.37605E-08	0.08306	1.23213E-06	0.00110
443848.99	3747203.92	46695.88903	0.00089	0.02740	6.32755E-08	0.07875	1.16819E-06	0.00090
443875.4	3747192.48	56044.32292	0.00107	0.02697	6.22825E-08	0.07639	1.13318E-06	0.00107
443893.88	3747174	57616.63347	0.00110	0.02648	6.11509E-08	0.07313	1.08482E-06	0.00110
443900.93	3747150.23	48007.28715	0.00092	0.02608	6.02272E-08	0.06973	1.03439E-06	0.00092
443879.8	3747124.7	35654.70025	0.00068	0.02587	5.97422E-08	0.06557	9.72676E-07	0.00068
443859.56	3747118.54	31640.12558	0.00061	0.02586	5.97191E-08	0.06390	9.47903E-07	0.00061
443821.71	3747120.3	27800.35351	0.00053	0.02597	5.99732E-08	0.06400	9.49386E-07	0.00053
444137.71	3747581.54	244110.9557	0.00468	0.03278	7.56997E-08	0.20115	2.98389E-06	0.00468
444132.43	3747563.06	250396.4687	0.00480	0.03232	7.46374E-08	0.18970	2.81404E-06	0.00480
444122.74	3747541.93	265502.0146	0.00509	0.03195	7.37829E-08	0.18025	2.67386E-06	0.00509
444115.7	3747514.64	263377.4277	0.00505	0.03142	7.25590E-08	0.16693	2.47627E-06	0.00505
444104.26	3747490.88	277250.439	0.00531	0.03101	7.16122E-08	0.15835	2.34899E-06	0.00531
444093.7	3747447.75	271007.6622	0.00519	0.02993	6.91181E-08	0.13946	2.06877E-06	0.00519
444089.29	3747432.78	268737.1995	0.00515	0.02954	6.82175E-08	0.13363	1.98229E-06	0.00515
444084.01	3747410.78	256690.5489	0.00492	0.02889	6.67164E-08	0.12467	1.84937E-06	0.00492
444079.61	3747394.05	245418.7771	0.00470	0.02836	6.54924E-08	0.11775	1.74672E-06	0.00470
444066.41	3747371.17	247680.8844	0.00474	0.02768	6.39221E-08	0.10957	1.62538E-06	0.00475
444065.53	3747356.2	227966.9386	0.00437	0.02731	6.30677E-08	0.10444	1.54928E-06	0.00437
444057.61	3747328.92	208321.7018	0.00399	0.02679	6.18668E-08	0.09841	1.45983E-06	0.00399
444048.8	3747309.55	201861.0104	0.00387	0.02651	6.12202E-08	0.09563	1.41859E-06	0.00387
444041.76	3747289.31	189436.4589	0.00363	0.02623	6.05736E-08	0.09252	1.37246E-06	0.00363
444039.12	3747269.94	170009.6337	0.00326	0.02593	5.98808E-08	0.08903	1.32069E-06	0.00326
444032.08	3747252.34	162563.1689	0.00311	0.02572	5.93958E-08	0.08653	1.28360E-06	0.00312

444026.8	3747232.09	147754.1245	0.00283	0.02544	5.87492E-08	0.08288	1.22945E-06	0.00283
444024.16	3747211.85	126189.0963	0.00242	0.02512	5.80102E-08	0.07863	1.16641E-06	0.00242
444012.71	3747194.24	117450.1872	0.00225	0.02500	5.77331E-08	0.07559	1.12131E-06	0.00225
444009.19	3747178.4	96205.65456	0.00184	0.02482	5.73174E-08	0.07254	1.07607E-06	0.00184
444000.39	3747159.03	73773.40468	0.00141	0.02470	5.70403E-08	0.06955	1.03172E-06	0.00141
443990.71	3747139.67	57233.45518	0.00110	0.02465	5.69249E-08	0.06745	1.00056E-06	0.00110
443987.19	3747122.06	47236.41057	0.00090	0.02451	5.66015E-08	0.06517	9.66742E-07	0.00091
443544.98	3747753.94	28123.99832	0.00054	0.04822	1.11356E-07	3.07110	4.55572E-05	0.00058
443566.91	3747739.32	29073.87144	0.00056	0.04744	1.09554E-07	4.33457	6.42997E-05	0.00062
443582.75	3747705.21	29562.31193	0.00057	0.04544	1.04936E-07	3.08003	4.56897E-05	0.00061
443608.33	3747662.57	30254.62819	0.00058	0.04288	9.90238E-08	2.85244	4.23135E-05	0.00062
443585.18	3747683.28	29279.74671	0.00056	0.04408	1.01795E-07	2.24464	3.32973E-05	0.00059
443664.38	3747610.18	34224.90341	0.00066	0.04028	9.30196E-08	3.23324	4.79624E-05	0.00070
444061.69	3748396.73	199317.0483	0.00382	0.07097	1.63893E-07	2.05389	3.04677E-05	0.00385
443702.16	3748778.14	278696.1536	0.00534	0.40239	9.29249E-07	0.09712	1.44069E-06	0.00534
443720.87	3748761.68	335421.8942	0.00643	0.35706	8.24567E-07	0.10280	1.52495E-06	0.00643
443735.08	3748748.96	382662.4653	0.00733	0.32612	7.53117E-07	0.10761	1.59630E-06	0.00733
443761.27	3748751.2	310706.2388	0.00595	0.30130	6.95800E-07	0.11354	1.68427E-06	0.00595
443781.48	3748750.46	283067.266	0.00542	0.28286	6.53216E-07	0.11880	1.76230E-06	0.00542
443799.43	3748733.25	335303.0038	0.00642	0.25494	5.88739E-07	0.12675	1.88023E-06	0.00643
443816.64	3748742.22	266084.5773	0.00510	0.25031	5.78047E-07	0.13020	1.93141E-06	0.00510
443859.29	3748707.06	276785.7892	0.00530	0.20408	4.71287E-07	0.15249	2.26206E-06	0.00530
443854.8	3748660.67	400713.596	0.00768	0.18220	4.20759E-07	0.16298	2.41767E-06	0.00768
443872.01	3748652.43	351991.8549	0.00674	0.17183	3.96811E-07	0.17346	2.57313E-06	0.00675
443881.74	3748635.22	348334.2154	0.00667	0.16080	3.71339E-07	0.18455	2.73764E-06	0.00668
443889.22	3748615.02	357286.098	0.00684	0.15017	3.46791E-07	0.19704	2.92292E-06	0.00685
443912.42	3748586.59	328072.994	0.00628	0.13340	3.08064E-07	0.22717	3.36988E-06	0.00629
443949.73	3748543.05	291186.9604	0.00558	0.11218	2.59060E-07	0.29644	4.39744E-06	0.00558
443955.98	3748523.52	311311.2221	0.00596	0.10667	2.46336E-07	0.32541	4.82718E-06	0.00597
443964.58	3748509.45	313352.2435	0.00600	0.10218	2.35967E-07	0.35688	5.29401E-06	0.00601
443975.51	3748496.56	306436.466	0.00587	0.09781	2.25875E-07	0.39755	5.89732E-06	0.00588
444002.47	3748489.92	249398.0228	0.00478	0.09292	2.14582E-07	0.47700	7.07589E-06	0.00478
443993.02	3748508.17	244251.7806	0.00468	0.09776	2.25760E-07	0.41448	6.14846E-06	0.00469
443984.29	3748521.95	242149.2914	0.00464	0.10171	2.34881E-07	0.37406	5.54886E-06	0.00464
443976.48	3748538.5	237609.0642	0.00455	0.10677	2.46567E-07	0.33789	5.01231E-06	0.00456
443964.53	3748550.91	246070.619	0.00471	0.11179	2.58159E-07	0.30681	4.55127E-06	0.00472
443950.29	3748565.15	257524.7517	0.00493	0.11814	2.72824E-07	0.27664	4.10372E-06	0.00494
443942.47	3748583.07	252904.3692	0.00484	0.12511	2.88920E-07	0.25473	3.77870E-06	0.00485
444015.08	3748474.62	239056.5031	0.00458	0.08830	2.03913E-07	0.56375	8.36276E-06	0.00459
444023.81	3748461.29	233436.7446	0.00447	0.08480	1.95831E-07	0.65466	9.71133E-06	0.00448
444033	3748446.13	226451.4098	0.00434	0.08113	1.87356E-07	0.79206	1.17495E-05	0.00435
444049.55	3748429.58	206054.7937	0.00395	0.07698	1.77772E-07	1.09336	1.62191E-05	0.00396
444052.31	3748411.2	214583.8115	0.00411	0.07421	1.71375E-07	1.39496	2.06931E-05	0.00413
443186.88	3748634.7	66382.58595	0.00127	0.77011	1.77843E-06	0.05427	8.05050E-07	0.00127
443201.94	3748608.36	66588.25628	0.00128	0.62454	1.44227E-06	0.05665	8.40355E-07	0.00128
443224.52	3748583.89	67741.50681	0.00130	0.51889	1.19829E-06	0.05999	8.89901E-07	0.00130
443237.69	3748551.9	69218.38986	0.00133	0.43187	9.97328E-07	0.06275	9.30843E-07	0.00133
443250.87	3748525.56	70597.91501	0.00135	0.37405	8.63803E-07	0.06554	9.72231E-07	0.00135
443267.8	3748491.68	68101.5407	0.00130	0.30576	7.06099E-07	0.07021	1.04151E-06	0.00131
443290.38	3748454.05	68498.12162	0.00131	0.25741	5.94443E-07	0.07590	1.12591E-06	0.00131
443299.79	3748416.41	62456.75649	0.00120	0.21718	5.01539E-07	0.08097	1.20112E-06	0.00120
443299.79	3748384.42	56586.19308	0.00108	0.19222	4.43898E-07	0.08443	1.25245E-06	0.00109
443301.68	3748352.43	52614.71737	0.00101	0.17355	4.00783E-07	0.08826	1.30926E-06	0.00101
443305.44	3748320.44	49061.39155	0.00094	0.15716	3.62933E-07	0.09279	1.37646E-06	0.00094
443117.28	3748611.37	52623.60503	0.00101	0.56272	1.29950E-06	0.05086	7.54465E-07	0.00101
443090.7	3748626.39	50914.97499	0.00098	0.57125	1.31920E-06	0.04878	7.23610E-07	0.00098
443162.35	3748585.94	56513.40429	0.00108	0.51343	1.18568E-06	0.05503	8.16324E-07	0.00108
443179.69	3748558.2	56276.44792	0.00108	0.43054	9.94257E-07	0.05796	8.59788E-07	0.00108
443190.09	3748530.47	54405.6189	0.00104	0.36357	8.39601E-07	0.06066	8.99840E-07	0.00104

443205.11	3748494.64	53163.95005	0.00102	0.30091	6.94899E-07	0.06427	9.53391E-07	0.00102
443229.38	3748456.5	51633.2419	0.00099	0.24483	5.65392E-07	0.06973	1.03439E-06	0.00099
443231.69	3748413.74	47323.00101	0.00091	0.20609	4.75929E-07	0.07342	1.08912E-06	0.00091
443252.5	3748389.47	48062.54223	0.00092	0.19125	4.41658E-07	0.07791	1.15573E-06	0.00092
443186.62	3748471.53	48068.54905	0.00092	0.26804	6.18991E-07	0.06419	9.52205E-07	0.00092
443141.55	3748525.84	46768.94904	0.00090	0.34821	8.04130E-07	0.05723	8.48959E-07	0.00090
443138.08	3748498.11	43568.90572	0.00083	0.29875	6.89911E-07	0.05868	8.70468E-07	0.00084
443150.79	3748472.68	43100.70781	0.00083	0.26521	6.12456E-07	0.06119	9.07702E-07	0.00083
443169.29	3748447.26	42891.15103	0.00082	0.23489	5.42437E-07	0.06452	9.57100E-07	0.00082
443183.15	3748419.52	41999.4969	0.00080	0.20874	4.82048E-07	0.06781	1.00590E-06	0.00081
443202.8	3748396.41	42319.55347	0.00081	0.19253	4.44614E-07	0.07156	1.06153E-06	0.00081
443224.76	3748373.29	42849.72745	0.00082	0.17909	4.13577E-07	0.07598	1.12710E-06	0.00082
443238.63	3748345.56	42001.04052	0.00080	0.16427	3.79353E-07	0.08029	1.19103E-06	0.00081
443112.66	3748590.56	49586.32101	0.00095	0.48136	1.11162E-06	0.05167	7.66481E-07	0.00095
443080.3	3748597.5	46110.24603	0.00088	0.45841	1.05862E-06	0.04963	7.36219E-07	0.00089
443072.21	3748572.07	42740.90517	0.00082	0.39003	9.00706E-07	0.05043	7.48087E-07	0.00082
443103.41	3748554.74	45234.41385	0.00087	0.38558	8.90429E-07	0.05286	7.84134E-07	0.00087
443093.01	3748532.78	42307.59932	0.00081	0.33683	7.77850E-07	0.05336	7.91551E-07	0.00081
444066.11	3748315.51	141671.7078	0.00271	0.06180	1.42716E-07	6.42829	9.53583E-05	0.00281
444098.47	3748350.18	129674.9061	0.00248	0.06223	1.43709E-07	6.66903	9.89294E-05	0.00258
444078.82	3748294.7	114877.1948	0.00220	0.05912	1.36527E-07	3.07471	4.56107E-05	0.00225
444089.22	3748273.9	98819.6883	0.00189	0.05692	1.31447E-07	1.99058	2.95286E-05	0.00192
444096.16	3748253.1	88103.55166	0.00169	0.05520	1.27475E-07	1.50103	2.22665E-05	0.00171
444111.18	3748321.29	104581.6625	0.00200	0.05873	1.35627E-07	2.70594	4.01403E-05	0.00204
444131.98	3748302.79	86568.61942	0.00166	0.05603	1.29391E-07	1.64212	2.43595E-05	0.00168
444135.45	3748284.3	79464.53005	0.00152	0.05437	1.25558E-07	1.33474	1.97997E-05	0.00154
443313.52	3748260.81	42892.26822	0.00082	0.13179	3.04346E-07	0.10277	1.52451E-06	0.00082
443230.72	3748275.87	35678.96497	0.00068	0.13198	3.04785E-07	0.08633	1.28063E-06	0.00069
443260.83	3748238.23	35484.93281	0.00068	0.12101	2.79451E-07	0.09587	1.42215E-06	0.00068
443274	3748215.65	34889.2443	0.00067	0.11482	2.65157E-07	0.10152	1.50596E-06	0.00067
443304.11	3748178.01	33784.91974	0.00065	0.10388	2.39893E-07	0.11495	1.70519E-06	0.00065
443198.73	3748330.44	36292.92035	0.00070	0.15130	3.49401E-07	0.07674	1.13837E-06	0.00070
443155.44	3748373.72	35620.20409	0.00068	0.17341	4.00460E-07	0.06843	1.01510E-06	0.00068
443119.69	3748411.36	34943.20367	0.00067	0.19855	4.58516E-07	0.06265	9.29360E-07	0.00067
443100.87	3748441.47	35705.92164	0.00068	0.22643	5.22900E-07	0.05916	8.77589E-07	0.00069
443093.34	3748477.23	38226.78738	0.00073	0.26622	6.14788E-07	0.05632	8.35460E-07	0.00073
443080.17	3748501.69	38789.99454	0.00074	0.28567	6.59705E-07	0.05410	8.02528E-07	0.00074
443718.12	3747857.82	43762.22444	0.00084	0.05241	1.21032E-07	2.08775	3.09700E-05	0.00087
443737.76	3747882.38	45266.8054	0.00087	0.05295	1.22279E-07	2.09655	3.11006E-05	0.00090
443765.27	3747898.1	47688.57604	0.00091	0.05241	1.21032E-07	1.82801	2.71170E-05	0.00094
443754.46	3747918.73	44731.47255	0.00086	0.05400	1.24704E-07	2.36988	3.51552E-05	0.00089
443696.5	3747826.38	41737.76073	0.00080	0.05150	1.18930E-07	2.03608	3.02035E-05	0.00083
443672.93	3747804.77	38641.87521	0.00074	0.05074	1.17175E-07	2.18016	3.23408E-05	0.00077
443726.96	3747844.07	45737.38021	0.00088	0.05132	1.18515E-07	1.82355	2.70508E-05	0.00090
443710.26	3747771.37	43174.10526	0.00083	0.04735	1.09347E-07	1.87416	2.78016E-05	0.00085
443737.76	3747790.04	47945.65029	0.00092	0.04729	1.09208E-07	1.78340	2.64552E-05	0.00095
443746.61	3747808.7	50041.01052	0.00096	0.04820	1.11309E-07	1.70570	2.53026E-05	0.00098
443762.32	3747821.47	53650.93817	0.00103	0.04847	1.11933E-07	1.69713	2.51755E-05	0.00105
443787.87	3747845.05	59379.2031	0.00114	0.04894	1.13018E-07	1.67262	2.48119E-05	0.00116
443800.64	3747866.66	60667.70762	0.00116	0.04985	1.15120E-07	1.60164	2.37590E-05	0.00119
443806.53	3747929.53	50523.62906	0.00097	0.05291	1.22186E-07	1.59853	2.37128E-05	0.00099
443520.64	3747701.59	26480.38569	0.00051	0.04466	1.03134E-07	0.97919	1.45255E-05	0.00052
443551.64	3747661.73	27301.77912	0.00052	0.04268	9.85620E-08	1.02389	1.51885E-05	0.00054
443591.49	3747635.16	28656.89967	0.00055	0.04132	9.54213E-08	1.34533	1.99568E-05	0.00057
443836.47	3747717.7	97504.15854	0.00187	0.04296	9.92086E-08	2.72086	4.03617E-05	0.00191
443840.73	3747688.6	97755.68933	0.00187	0.04154	9.59293E-08	1.81875	2.69796E-05	0.00190
443841.44	3747663.76	91748.78565	0.00176	0.03993	9.22113E-08	1.42835	2.11884E-05	0.00178
443804.53	3747670.15	74795.17124	0.00143	0.04188	9.67145E-08	2.23184	3.31075E-05	0.00147
443787.49	3747657.37	61577.92863	0.00118	0.04055	9.36431E-08	2.55890	3.79591E-05	0.00122

443777.55	3747633.95	55553.93408	0.00106	0.03942	9.10336E-08	2.13903	3.17307E-05	0.00110
443744.9	3747619.04	46707.29663	0.00089	0.03957	9.13800E-08	2.63475	3.90843E-05	0.00093
443761.94	3747606.26	50567.95974	0.00097	0.03884	8.96942E-08	1.55645	2.30886E-05	0.00099
443844.28	3747623.3	83615.9969	0.00160	0.03741	8.63918E-08	0.92080	1.36593E-05	0.00162
443847.12	3747599.87	83316.32513	0.00160	0.03651	8.43134E-08	0.70159	1.04075E-05	0.00161
443852.79	3747578.58	85379.35664	0.00164	0.03572	8.24891E-08	0.54752	8.12200E-06	0.00164
443849.96	3747558	81628.3172	0.00156	0.03513	8.11266E-08	0.45330	6.72432E-06	0.00157
443849.96	3747537.41	80595.3748	0.00154	0.03463	7.99719E-08	0.38138	5.65745E-06	0.00155
443854.92	3747518.25	82179.60293	0.00157	0.03402	7.85632E-08	0.32414	4.80834E-06	0.00158
443847.12	3747495.53	74939.80445	0.00144	0.03352	7.74086E-08	0.27898	4.13843E-06	0.00144
443853.5	3747478.5	77053.2371	0.00148	0.03297	7.61384E-08	0.24680	3.66107E-06	0.00148
443850.67	3747457.2	73418.1249	0.00141	0.03250	7.50531E-08	0.21879	3.24557E-06	0.00141
443854.21	3747438.75	73433.32019	0.00141	0.03197	7.38291E-08	0.19607	2.90853E-06	0.00141
443849.96	3747397.58	67474.54698	0.00129	0.03112	7.18662E-08	0.16071	2.38400E-06	0.00130
443854.21	3747418.16	71270.7885	0.00137	0.03148	7.26975E-08	0.17577	2.60740E-06	0.00137
443853.5	3747378.41	67908.07795	0.00130	0.03068	7.08501E-08	0.14766	2.19041E-06	0.00130
443843.57	3747336.54	60087.56336	0.00115	0.02998	6.92336E-08	0.12447	1.84641E-06	0.00115
443836.47	3747315.24	55548.91617	0.00106	0.02965	6.84715E-08	0.11462	1.70029E-06	0.00107
443829.37	3747296.08	51285.66127	0.00098	0.02934	6.77556E-08	0.10639	1.57821E-06	0.00098
443827.95	3747274.07	48816.61297	0.00094	0.02891	6.67626E-08	0.09824	1.45731E-06	0.00094
443816.59	3747254.2	43491.26549	0.00083	0.02860	6.60467E-08	0.09225	1.36845E-06	0.00083
443805.95	3747236.45	39103.05437	0.00075	0.02829	6.53308E-08	0.08733	1.29547E-06	0.00075
443803.11	3747219.42	36731.81948	0.00070	0.02794	6.45225E-08	0.08289	1.22960E-06	0.00070
443838.6	3747186.06	39846.47241	0.00076	0.02714	6.26751E-08	0.07512	1.11434E-06	0.00076
443838.6	3747171.15	37137.78827	0.00071	0.02687	6.20516E-08	0.07238	1.07370E-06	0.00071
443970.69	3747984.97	64128.54427	0.00123	0.05277	1.21863E-07	0.81900	1.21492E-05	0.00124
443980.63	3747995.62	60152.35612	0.00115	0.05218	1.20501E-07	0.79341	1.17696E-05	0.00116
443994.83	3748014.08	56082.0419	0.00107	0.05168	1.19346E-07	0.76799	1.13925E-05	0.00109
444006.19	3748026.85	53954.84027	0.00103	0.05114	1.18099E-07	0.74942	1.11170E-05	0.00104
444016.83	3748040.34	52645.93746	0.00101	0.05083	1.17383E-07	0.73978	1.09740E-05	0.00102
444040.26	3748051.7	51397.79299	0.00098	0.04980	1.15004E-07	0.69010	1.02371E-05	0.00099
444048.78	3748065.89	50784.53186	0.00097	0.04960	1.14543E-07	0.69236	1.02706E-05	0.00098
444060.13	3748085.77	51125.04	0.00098	0.04957	1.14473E-07	0.70401	1.04434E-05	0.00099
444079.3	3748100.68	51535.79714	0.00099	0.04913	1.13457E-07	0.68356	1.01400E-05	0.00100
444088.53	3748117	53248.1137	0.00102	0.04936	1.13988E-07	0.69918	1.03717E-05	0.00103
444101.3	3748132.62	54682.84152	0.00105	0.04938	1.14034E-07	0.70228	1.04177E-05	0.00106
444114.79	3748147.53	55493.49668	0.00106	0.04913	1.13457E-07	0.69891	1.03677E-05	0.00107
444129.7	3748161.72	55791.40165	0.00107	0.04886	1.12834E-07	0.68919	1.02236E-05	0.00108
444141.76	3748177.34	56143.06751	0.00108	0.04868	1.12418E-07	0.69140	1.02563E-05	0.00109
444158.09	3748180.89	53604.57044	0.00103	0.04781	1.10409E-07	0.64634	9.58791E-06	0.00104
444169.45	3748204.31	53955.3948	0.00103	0.04778	1.10340E-07	0.66279	9.83193E-06	0.00104
444190.03	3748217.09	51193.57599	0.00098	0.04693	1.08377E-07	0.62056	9.20548E-06	0.00099
444192.83	3748193.06	47932.94252	0.00092	0.04567	1.05467E-07	0.56103	8.32241E-06	0.00093
444195.33	3748122.7	43058.12322	0.00082	0.04337	1.00155E-07	0.45728	6.78336E-06	0.00083
444008.68	3747956.49	78592.84602	0.00151	0.04857	1.12164E-07	0.73655	1.09261E-05	0.00152
444019.33	3747969.98	68538.84135	0.00131	0.04825	1.11425E-07	0.68735	1.01963E-05	0.00132
444042.75	3747981.34	61689.34982	0.00118	0.04686	1.08215E-07	0.62239	9.23263E-06	0.00119
444051.27	3747995.53	57461.54894	0.00110	0.04703	1.08608E-07	0.60385	8.95761E-06	0.00111
444062.63	3748015.41	53553.33019	0.00103	0.04727	1.09162E-07	0.58942	8.74355E-06	0.00103
444081.79	3748030.32	51287.53793	0.00098	0.04684	1.08169E-07	0.56364	8.36112E-06	0.00099
444091.02	3748046.64	49913.43554	0.00096	0.04697	1.08469E-07	0.56260	8.34570E-06	0.00096
444103.8	3748062.26	49450.10141	0.00095	0.04704	1.08631E-07	0.55695	8.26188E-06	0.00096
444117.29	3748077.17	48751.92226	0.00093	0.04683	1.08146E-07	0.54949	8.15122E-06	0.00094
444132.19	3748091.36	48252.26339	0.00092	0.04649	1.07361E-07	0.53946	8.00243E-06	0.00093
444144.26	3748106.98	48058.04553	0.00092	0.04627	1.06852E-07	0.53738	7.97158E-06	0.00093
444160.59	3748110.53	46914.19664	0.00090	0.04551	1.05097E-07	0.51033	7.57032E-06	0.00091
444171.94	3748133.95	46733.64282	0.00090	0.04535	1.04728E-07	0.51908	7.70011E-06	0.00090
444192.53	3748146.73	44335.33455	0.00085	0.04414	1.01934E-07	0.48911	7.25553E-06	0.00086
444143.39	3748498.91	100439.4969	0.00192	0.07958	1.83776E-07	1.78604	2.64944E-05	0.00195

444154.04	3748512.39	94260.55054	0.00181	0.08069	1.86339E-07	1.77032	2.62612E-05	0.00183
444177.46	3748523.75	85128.12719	0.00163	0.08057	1.86062E-07	2.35043	3.48666E-05	0.00167
444185.98	3748537.95	81462.8925	0.00156	0.08212	1.89642E-07	2.19367	3.25412E-05	0.00159
444197.34	3748557.82	76442.30585	0.00146	0.08404	1.94076E-07	2.00311	2.97144E-05	0.00149
444216.5	3748572.73	70551.73313	0.00135	0.08440	1.94907E-07	2.34614	3.48030E-05	0.00139
444225.73	3748589.05	67402.52254	0.00129	0.08591	1.98394E-07	2.16016	3.20442E-05	0.00132
444238.51	3748604.67	63827.95814	0.00122	0.08684	2.00542E-07	2.18088	3.23515E-05	0.00126
444251.99	3748619.58	60450.23085	0.00116	0.08745	2.01950E-07	2.27065	3.36832E-05	0.00119
444266.9	3748633.77	57153.22271	0.00109	0.08767	2.02459E-07	2.49781	3.70529E-05	0.00113
444278.97	3748649.39	54413.11071	0.00104	0.08826	2.03821E-07	2.58347	3.83236E-05	0.00108
444295.29	3748652.94	52033.85733	0.00100	0.08682	2.00496E-07	3.88558	5.76393E-05	0.00105
444306.65	3748676.37	49266.33067	0.00094	0.08825	2.03798E-07	3.91234	5.80363E-05	0.00100
444237.65	3748593.44	64773.69547	0.00124	0.08536	1.97124E-07	2.62016	3.88679E-05	0.00128
444061.66	3748440.72	178053.1744	0.00341	0.07739	1.78719E-07	1.12922	1.67510E-05	0.00343
444085.08	3748452.08	145882.4123	0.00279	0.07700	1.77818E-07	1.35264	2.00653E-05	0.00281
444093.6	3748466.28	135859.9562	0.00260	0.07877	1.81906E-07	1.27491	1.89122E-05	0.00262
444104.96	3748486.15	123121.1694	0.00236	0.08098	1.87009E-07	1.17761	1.74689E-05	0.00238
444124.12	3748501.06	109913.2913	0.00211	0.08185	1.89018E-07	1.27848	1.89652E-05	0.00212
444133.35	3748517.39	103070.8433	0.00197	0.08374	1.93383E-07	1.20329	1.78498E-05	0.00199
444146.13	3748533	95111.41331	0.00182	0.08491	1.96085E-07	1.20446	1.78671E-05	0.00184
444159.61	3748547.91	88343.3147	0.00169	0.08601	1.98625E-07	1.22734	1.82066E-05	0.00171
444174.52	3748562.11	82243.38221	0.00158	0.08692	2.00727E-07	1.28830	1.91108E-05	0.00159
444186.59	3748577.72	77158.81066	0.00148	0.08808	2.03405E-07	1.28302	1.90325E-05	0.00150
444202.91	3748581.27	72935.35227	0.00140	0.08702	2.00957E-07	1.57796	2.34077E-05	0.00142
444214.27	3748604.7	68555.21195	0.00131	0.08947	2.06615E-07	1.41027	2.09202E-05	0.00133
444234.86	3748617.47	63546.25673	0.00122	0.08904	2.05622E-07	1.67838	2.48974E-05	0.00124
443957.64	3748095.6	61819.56698	0.00118	0.05735	1.32440E-07	1.42181	2.10914E-05	0.00121
CONCUNIT ug	/m^3	0	0.00000	0.00000	0.00000E+00	0.00000	0.00000E+00	0.00000
DEPUNIT g/m	^2	0	0.00000	0.00000	0.00000E+00	0.00000	0.00000E+00	0.00000

Trails of Corona

Cancer Risk Impacts from Construction at the Maximum Impacted Sensitive Receptor - Infant

Cancer Potency Factor:	1.1	$(mg/kg\text{-}day)^{-1}$
Exposure Frequency	350	days/year
Averaging Period	25550	days

Year	Unit DPM Concentration (ug/m3)	Age Sensitivty Factor	Daily Breathing Rate (L/kg-day)	Time At Home Factor	Exposure Duration (years)	Unit Risk Factor $(ug/m3)^{-1}$
3rd Trimester	1	10	361	1	0.25	13.6
1	1	10	1090	1	1	164.2
2	1	10	1090	1	1	164.2
3	1	3	572	1	1	25.9
4	1	3	572	1	1	25.9
5	1	3	572	1	1	25.9

Air Toxics NSR Program Health Risk Assessment (HRA) Guidelines

Trails of Corona **No Mitigation** **at Sensitive Recptors**

Estimated Cancer Risks from Construction DPM - Infant Receptors

X (m)	Y (m)	InfantCancer Risk (3rd Trimester) 2019 (/million)	Infant Cancer Risk (year 1) 2019 (/million)	Infant Cancer Risk (year 2) 2020 (/million)	Child Cancer Risk (year 1) 2021 (/million)	Child Cancer Risk (year 2) 2022 (/million)	Child Cancer Risk (year 3) 2023 (/million)	Child Cancer Risk (year 4) 2024 (/million)	Total Cancer Risk (/million)
443543.62	3748016.2	0.062	0.744	0.371	0.051	0.043	0.037	0.018	1.32559
443581.38	3748016.2	0.064	0.776	0.387	0.053	0.045	0.039	0.018	1.38183
443619.14	3748016.2	0.068	0.817	0.408	0.056	0.048	0.041	0.019	1.45715
443656.9	3748016.2	0.072	0.867	0.433	0.060	0.051	0.044	0.021	1.54810
443694.66	3748016.2	0.077	0.930	0.465	0.066	0.056	0.048	0.022	1.66380
443732.42	3748016.2	0.081	0.973	0.488	0.073	0.062	0.052	0.024	1.75281
443543.62	3748046.66	0.065	0.781	0.390	0.053	0.045	0.039	0.018	1.39043
443581.38	3748046.66	0.068	0.816	0.407	0.056	0.047	0.040	0.019	1.45343
443619.14	3748046.66	0.071	0.861	0.429	0.059	0.050	0.043	0.020	1.53333
443656.9	3748046.66	0.076	0.918	0.458	0.063	0.053	0.046	0.022	1.63673
443694.66	3748046.66	0.082	0.992	0.495	0.069	0.058	0.050	0.024	1.77044
443732.42	3748046.66	0.086	1.035	0.517	0.074	0.062	0.053	0.025	1.85174
443543.62	3748077.12	0.069	0.834	0.416	0.057	0.048	0.041	0.020	1.48421
443581.38	3748077.12	0.072	0.875	0.436	0.060	0.050	0.043	0.021	1.55672
443619.14	3748077.12	0.077	0.926	0.462	0.063	0.053	0.046	0.022	1.64952
443656.9	3748077.12	0.081	0.977	0.488	0.067	0.056	0.049	0.023	1.74074
443694.66	3748077.12	0.087	1.057	0.527	0.073	0.061	0.053	0.025	1.88324
443732.42	3748077.12	0.092	1.107	0.553	0.077	0.065	0.056	0.026	1.97613
443543.62	3748107.58	0.075	0.903	0.450	0.061	0.052	0.044	0.021	1.60635
443581.38	3748107.58	0.078	0.947	0.472	0.064	0.054	0.047	0.022	1.68597
443619.14	3748107.58	0.082	0.990	0.494	0.067	0.057	0.049	0.023	1.76159
443656.9	3748107.58	0.087	1.048	0.523	0.071	0.060	0.052	0.025	1.86662
443694.66	3748107.58	0.095	1.144	0.571	0.078	0.066	0.057	0.027	2.03798
443732.42	3748107.58	0.100	1.212	0.605	0.083	0.070	0.060	0.029	2.15962
443543.62	3748138.04	0.081	0.981	0.489	0.066	0.056	0.048	0.023	1.74573
443581.38	3748138.04	0.085	1.023	0.510	0.069	0.058	0.050	0.024	1.81956
443619.14	3748138.04	0.089	1.073	0.535	0.073	0.061	0.053	0.025	1.90861
443656.9	3748138.04	0.095	1.150	0.573	0.078	0.066	0.057	0.027	2.04596
443694.66	3748138.04	0.105	1.267	0.632	0.086	0.073	0.063	0.030	2.25554
443732.42	3748138.04	0.113	1.365	0.681	0.093	0.078	0.068	0.032	2.43026
443543.62	3748168.5	0.088	1.068	0.533	0.072	0.061	0.052	0.025	1.89992
443581.38	3748168.5	0.093	1.122	0.560	0.076	0.064	0.055	0.026	1.99609
443619.14	3748168.5	0.098	1.186	0.591	0.080	0.068	0.058	0.028	2.10916
443656.9	3748168.5	0.107	1.292	0.644	0.088	0.074	0.064	0.030	2.29772
443694.66	3748168.5	0.119	1.443	0.719	0.098	0.082	0.071	0.034	2.56643
443732.42	3748168.5	0.131	1.581	0.788	0.107	0.090	0.078	0.037	2.81337
444172.99	3747085.77	0.052	0.623	0.310	0.042	0.035	0.030	0.015	1.10718
444272.99	3747085.77	0.044	0.536	0.267	0.036	0.030	0.026	0.013	0.95327
444372.99	3747085.77	0.038	0.461	0.230	0.031	0.026	0.023	0.011	0.81967
444472.99	3747085.77	0.033	0.400	0.199	0.027	0.023	0.020	0.009	0.71055
444572.99	3747085.77	0.029	0.349	0.174	0.024	0.020	0.017	0.008	0.62132
444672.99	3747085.77	0.026	0.312	0.156	0.021	0.018	0.015	0.007	0.55522
444772.99	3747085.77	0.023	0.282	0.141	0.019	0.016	0.014	0.007	0.50147
444872.99	3747085.77	0.021	0.257	0.128	0.017	0.015	0.013	0.006	0.45716

Maximum Caner Risk
18.5
BAAQMD threshold of significance
10
Exceed thresholds?
Yes

444972.99	3747085.77	0.020	0.236	0.118	0.016	0.013	0.012	0.006	0.41920
445072.99	3747085.77	0.018	0.218	0.109	0.015	0.012	0.011	0.005	0.38798
445172.99	3747085.77	0.017	0.203	0.101	0.014	0.012	0.010	0.005	0.36159
445272.99	3747085.77	0.016	0.191	0.095	0.013	0.011	0.009	0.004	0.33969
445372.99	3747085.77	0.015	0.179	0.089	0.012	0.010	0.009	0.004	0.31916
445472.99	3747085.77	0.014	0.169	0.084	0.011	0.010	0.008	0.004	0.29979
445572.99	3747085.77	0.013	0.159	0.079	0.011	0.009	0.008	0.004	0.28300
444172.99	3747185.77	0.083	0.997	0.497	0.067	0.056	0.049	0.023	1.77210
444272.99	3747185.77	0.063	0.763	0.380	0.051	0.043	0.037	0.018	1.35611
444372.99	3747185.77	0.050	0.609	0.303	0.041	0.034	0.030	0.014	1.08216
444472.99	3747185.77	0.041	0.498	0.248	0.034	0.028	0.024	0.012	0.88533
444572.99	3747185.77	0.035	0.422	0.210	0.028	0.024	0.021	0.010	0.74959
444672.99	3747185.77	0.030	0.367	0.183	0.025	0.021	0.018	0.009	0.65195
444772.99	3747185.77	0.027	0.323	0.161	0.022	0.018	0.016	0.008	0.57468
444872.99	3747185.77	0.024	0.290	0.144	0.020	0.016	0.014	0.007	0.51489
444972.99	3747185.77	0.022	0.263	0.131	0.018	0.015	0.013	0.006	0.46687
445072.99	3747185.77	0.020	0.240	0.120	0.016	0.014	0.012	0.006	0.42667
445172.99	3747185.77	0.018	0.221	0.110	0.015	0.013	0.011	0.005	0.39301
445272.99	3747185.77	0.017	0.206	0.102	0.014	0.012	0.010	0.005	0.36560
445372.99	3747185.77	0.016	0.191	0.095	0.013	0.011	0.009	0.004	0.33997
445472.99	3747185.77	0.015	0.179	0.089	0.012	0.010	0.009	0.004	0.31752
445572.99	3747185.77	0.014	0.167	0.083	0.011	0.010	0.008	0.004	0.29774
444172.99	3747285.77	0.135	1.627	0.811	0.109	0.092	0.079	0.038	2.89091
444272.99	3747285.77	0.091	1.102	0.549	0.074	0.062	0.054	0.026	1.95882
444372.99	3747285.77	0.067	0.810	0.404	0.055	0.046	0.040	0.019	1.44014
444472.99	3747285.77	0.052	0.633	0.315	0.043	0.036	0.031	0.015	1.12469
444572.99	3747285.77	0.043	0.516	0.257	0.035	0.029	0.025	0.012	0.91803
444672.99	3747285.77	0.036	0.433	0.216	0.029	0.025	0.021	0.010	0.77016
444772.99	3747285.77	0.031	0.372	0.185	0.025	0.021	0.018	0.009	0.66157
444872.99	3747285.77	0.027	0.327	0.163	0.022	0.019	0.016	0.008	0.58109
444972.99	3747285.77	0.024	0.290	0.145	0.020	0.016	0.014	0.007	0.51646
445072.99	3747285.77	0.022	0.262	0.131	0.018	0.015	0.013	0.006	0.46614
445172.99	3747285.77	0.020	0.239	0.119	0.016	0.014	0.012	0.006	0.42475
445272.99	3747285.77	0.018	0.219	0.109	0.015	0.012	0.011	0.005	0.39020
445372.99	3747285.77	0.017	0.203	0.101	0.014	0.012	0.010	0.005	0.36100
445472.99	3747285.77	0.016	0.189	0.094	0.013	0.011	0.009	0.004	0.33611
445572.99	3747285.77	0.015	0.177	0.088	0.012	0.010	0.009	0.004	0.31408
444172.99	3747385.77	0.200	2.415	1.204	0.162	0.136	0.118	0.057	4.29258
444272.99	3747385.77	0.125	1.512	0.754	0.102	0.085	0.074	0.035	2.68732
444372.99	3747385.77	0.088	1.057	0.527	0.071	0.060	0.052	0.025	1.87872
444472.99	3747385.77	0.066	0.796	0.397	0.054	0.045	0.039	0.019	1.41420
444572.99	3747385.77	0.052	0.634	0.316	0.043	0.036	0.031	0.015	1.12614
444672.99	3747385.77	0.042	0.503	0.251	0.034	0.029	0.025	0.012	0.89460
444772.99	3747385.77	0.035	0.422	0.210	0.028	0.024	0.021	0.010	0.74972
444872.99	3747385.77	0.030	0.362	0.181	0.024	0.021	0.018	0.009	0.64424
444972.99	3747385.77	0.026	0.318	0.158	0.021	0.018	0.016	0.007	0.56508
445072.99	3747385.77	0.023	0.283	0.141	0.019	0.016	0.014	0.007	0.50236
445172.99	3747385.77	0.021	0.255	0.127	0.017	0.014	0.013	0.006	0.45348
445272.99	3747385.77	0.019	0.233	0.116	0.016	0.013	0.011	0.005	0.41395
445372.99	3747385.77	0.018	0.215	0.107	0.015	0.012	0.011	0.005	0.38230
445472.99	3747385.77	0.017	0.200	0.099	0.013	0.011	0.010	0.005	0.35478
445572.99	3747385.77	0.015	0.186	0.093	0.013	0.011	0.009	0.004	0.33096

444172.99	3747485.77	0.266	3.212	1.601	0.216	0.181	0.157	0.075	5.70846
444272.99	3747485.77	0.157	1.892	0.943	0.127	0.107	0.092	0.044	3.36229
444372.99	3747485.77	0.108	1.299	0.647	0.087	0.073	0.064	0.030	2.30803
444472.99	3747485.77	0.078	0.943	0.470	0.063	0.053	0.046	0.022	1.67682
444572.99	3747485.77	0.059	0.710	0.354	0.048	0.040	0.035	0.017	1.26195
444672.99	3747485.77	0.046	0.560	0.279	0.038	0.032	0.027	0.013	0.99616
444772.99	3747485.77	0.038	0.464	0.231	0.031	0.026	0.023	0.011	0.82522
444872.99	3747485.77	0.033	0.394	0.196	0.027	0.022	0.019	0.009	0.69963
444972.99	3747485.77	0.028	0.342	0.170	0.023	0.019	0.017	0.008	0.60733
445072.99	3747485.77	0.025	0.301	0.150	0.020	0.017	0.015	0.007	0.53601
445172.99	3747485.77	0.022	0.271	0.135	0.018	0.015	0.013	0.006	0.48113
445272.99	3747485.77	0.020	0.246	0.123	0.017	0.014	0.012	0.006	0.43785
445372.99	3747485.77	0.019	0.227	0.113	0.015	0.013	0.011	0.005	0.40299
445472.99	3747485.77	0.017	0.211	0.105	0.014	0.012	0.010	0.005	0.37459
445572.99	3747485.77	0.016	0.197	0.098	0.013	0.011	0.010	0.005	0.35103
444172.99	3747585.77	0.318	3.846	1.917	0.258	0.217	0.188	0.090	6.83548
444272.99	3747585.77	0.177	2.136	1.064	0.144	0.121	0.104	0.050	3.79590
444372.99	3747585.77	0.119	1.436	0.715	0.097	0.081	0.070	0.034	2.55166
444472.99	3747585.77	0.084	1.020	0.508	0.069	0.058	0.050	0.024	1.81296
444572.99	3747585.77	0.063	0.756	0.377	0.051	0.043	0.037	0.018	1.34311
444672.99	3747585.77	0.050	0.600	0.299	0.040	0.034	0.029	0.014	1.06706
444772.99	3747585.77	0.041	0.495	0.247	0.033	0.028	0.024	0.012	0.87959
444872.99	3747585.77	0.035	0.417	0.208	0.028	0.024	0.020	0.010	0.74183
444972.99	3747585.77	0.030	0.360	0.180	0.024	0.020	0.018	0.008	0.64092
445072.99	3747585.77	0.026	0.319	0.159	0.022	0.018	0.016	0.007	0.56675
445172.99	3747585.77	0.024	0.285	0.142	0.019	0.016	0.014	0.007	0.50742
445272.99	3747585.77	0.022	0.260	0.130	0.018	0.015	0.013	0.006	0.46202
445372.99	3747585.77	0.020	0.239	0.119	0.016	0.014	0.012	0.006	0.42579
445472.99	3747585.77	0.018	0.222	0.111	0.015	0.013	0.011	0.005	0.39559
445572.99	3747585.77	0.017	0.209	0.104	0.014	0.012	0.010	0.005	0.37197
444172.99	3747685.77	0.278	3.360	1.675	0.226	0.190	0.164	0.079	5.97231
444272.99	3747685.77	0.169	2.041	1.017	0.137	0.116	0.100	0.048	3.62864
444372.99	3747685.77	0.115	1.390	0.693	0.094	0.079	0.068	0.033	2.47164
444472.99	3747685.77	0.082	0.996	0.496	0.067	0.056	0.049	0.023	1.77078
444572.99	3747685.77	0.063	0.756	0.377	0.051	0.043	0.037	0.018	1.34456
444672.99	3747685.77	0.050	0.607	0.303	0.041	0.034	0.030	0.014	1.07929
444772.99	3747685.77	0.042	0.504	0.251	0.034	0.029	0.025	0.012	0.89542
444872.99	3747685.77	0.036	0.430	0.214	0.029	0.024	0.021	0.010	0.76445
444972.99	3747685.77	0.031	0.374	0.187	0.025	0.021	0.018	0.009	0.66529
445072.99	3747685.77	0.028	0.332	0.166	0.022	0.019	0.016	0.008	0.59071
445172.99	3747685.77	0.025	0.299	0.149	0.020	0.017	0.015	0.007	0.53224
445272.99	3747685.77	0.023	0.273	0.136	0.018	0.015	0.013	0.006	0.48521
445372.99	3747685.77	0.021	0.251	0.125	0.017	0.014	0.012	0.006	0.44707
445472.99	3747685.77	0.019	0.234	0.117	0.016	0.013	0.011	0.005	0.41568
445572.99	3747685.77	0.018	0.219	0.109	0.015	0.012	0.011	0.005	0.38932
444172.99	3747785.77	0.204	2.469	1.231	0.166	0.140	0.121	0.058	4.38981
444272.99	3747785.77	0.137	1.650	0.822	0.111	0.094	0.081	0.039	2.93370
444372.99	3747785.77	0.101	1.218	0.607	0.082	0.069	0.060	0.029	2.16520
444472.99	3747785.77	0.075	0.904	0.451	0.061	0.051	0.044	0.021	1.60768
444572.99	3747785.77	0.059	0.714	0.356	0.048	0.041	0.035	0.017	1.26870
444672.99	3747785.77	0.049	0.587	0.293	0.040	0.033	0.029	0.014	1.04357
444772.99	3747785.77	0.041	0.500	0.249	0.034	0.028	0.025	0.012	0.88971

444872.99	3747785.77	0.036	0.433	0.216	0.029	0.025	0.021	0.010	0.77043
444972.99	3747785.77	0.032	0.381	0.190	0.026	0.022	0.019	0.009	0.67791
445072.99	3747785.77	0.028	0.341	0.170	0.023	0.019	0.017	0.008	0.60566
445172.99	3747785.77	0.026	0.310	0.154	0.021	0.018	0.015	0.007	0.55095
445272.99	3747785.77	0.023	0.284	0.141	0.019	0.016	0.014	0.007	0.50462
445372.99	3747785.77	0.022	0.262	0.130	0.018	0.015	0.013	0.006	0.46505
445472.99	3747785.77	0.020	0.243	0.121	0.016	0.014	0.012	0.006	0.43224
445572.99	3747785.77	0.019	0.227	0.113	0.015	0.013	0.011	0.005	0.40357
444172.99	3747885.77	0.143	1.723	0.859	0.116	0.098	0.085	0.040	3.06440
444272.99	3747885.77	0.104	1.255	0.626	0.085	0.071	0.062	0.030	2.23280
444372.99	3747885.77	0.081	0.983	0.490	0.066	0.056	0.048	0.023	1.74771
444472.99	3747885.77	0.065	0.783	0.390	0.053	0.045	0.038	0.018	1.39184
444572.99	3747885.77	0.053	0.642	0.320	0.043	0.036	0.032	0.015	1.14134
444672.99	3747885.77	0.046	0.552	0.275	0.037	0.031	0.027	0.013	0.98155
444772.99	3747885.77	0.040	0.484	0.241	0.033	0.027	0.024	0.011	0.85991
444872.99	3747885.77	0.035	0.427	0.213	0.029	0.024	0.021	0.010	0.75963
444972.99	3747885.77	0.032	0.382	0.190	0.026	0.022	0.019	0.009	0.67906
445072.99	3747885.77	0.029	0.345	0.172	0.023	0.020	0.017	0.008	0.61358
445172.99	3747885.77	0.026	0.316	0.158	0.021	0.018	0.016	0.007	0.56260
445272.99	3747885.77	0.024	0.291	0.145	0.020	0.017	0.014	0.007	0.51807
445372.99	3747885.77	0.022	0.269	0.134	0.018	0.015	0.013	0.006	0.47862
445472.99	3747885.77	0.021	0.249	0.124	0.017	0.014	0.012	0.006	0.44263
445572.99	3747885.77	0.019	0.232	0.115	0.016	0.013	0.011	0.005	0.41180
444172.99	3747985.77	0.098	1.184	0.590	0.080	0.068	0.058	0.028	2.10586
444272.99	3747985.77	0.078	0.943	0.470	0.064	0.054	0.046	0.022	1.67810
444372.99	3747985.77	0.064	0.774	0.386	0.052	0.044	0.038	0.018	1.37624
444472.99	3747985.77	0.055	0.661	0.329	0.045	0.038	0.033	0.016	1.17527
444572.99	3747985.77	0.048	0.579	0.289	0.039	0.033	0.028	0.014	1.02956
444672.99	3747985.77	0.043	0.514	0.256	0.035	0.029	0.025	0.012	0.91477
444772.99	3747985.77	0.038	0.461	0.230	0.031	0.026	0.023	0.011	0.82030
444872.99	3747985.77	0.035	0.418	0.208	0.028	0.024	0.021	0.010	0.74258
444972.99	3747985.77	0.031	0.379	0.189	0.026	0.022	0.019	0.009	0.67469
445072.99	3747985.77	0.029	0.347	0.173	0.023	0.020	0.017	0.008	0.61749
445172.99	3747985.77	0.026	0.318	0.159	0.022	0.018	0.016	0.007	0.56617
445272.99	3747985.77	0.024	0.294	0.147	0.020	0.017	0.014	0.007	0.52292
445372.99	3747985.77	0.022	0.271	0.135	0.018	0.015	0.013	0.006	0.48273
445472.99	3747985.77	0.021	0.251	0.125	0.017	0.014	0.012	0.006	0.44612
445572.99	3747985.77	0.019	0.233	0.116	0.016	0.013	0.011	0.005	0.41437
444172.99	3748085.77	0.079	0.953	0.476	0.065	0.055	0.047	0.022	1.69745
444272.99	3748085.77	0.065	0.783	0.391	0.053	0.045	0.039	0.018	1.39413
444372.99	3748085.77	0.056	0.676	0.337	0.046	0.039	0.033	0.016	1.20306
444472.99	3748085.77	0.050	0.600	0.299	0.041	0.034	0.030	0.014	1.06725
444572.99	3748085.77	0.045	0.539	0.269	0.037	0.031	0.027	0.013	0.95853
444672.99	3748085.77	0.040	0.489	0.244	0.033	0.028	0.024	0.011	0.86965
444772.99	3748085.77	0.037	0.447	0.223	0.030	0.025	0.022	0.011	0.79549
444872.99	3748085.77	0.034	0.410	0.205	0.028	0.023	0.020	0.010	0.72970
444972.99	3748085.77	0.031	0.375	0.187	0.025	0.021	0.018	0.009	0.66782
445072.99	3748085.77	0.029	0.344	0.172	0.023	0.020	0.017	0.008	0.61248
445172.99	3748085.77	0.026	0.317	0.158	0.021	0.018	0.016	0.007	0.56317
445272.99	3748085.77	0.024	0.292	0.146	0.020	0.017	0.014	0.007	0.51924
445372.99	3748085.77	0.022	0.270	0.135	0.018	0.015	0.013	0.006	0.48044
445472.99	3748085.77	0.021	0.250	0.125	0.017	0.014	0.012	0.006	0.44513

445572.99	3748085.77	0.019	0.233	0.116	0.016	0.013	0.011	0.005	0.41387
444172.99	3748185.77	0.089	1.078	0.538	0.074	0.062	0.053	0.025	1.91987
444272.99	3748185.77	0.068	0.825	0.412	0.056	0.047	0.041	0.019	1.46938
444372.99	3748185.77	0.057	0.688	0.343	0.047	0.039	0.034	0.016	1.22428
444472.99	3748185.77	0.050	0.600	0.299	0.041	0.034	0.030	0.014	1.06824
444572.99	3748185.77	0.044	0.537	0.268	0.036	0.031	0.026	0.013	0.95546
444672.99	3748185.77	0.040	0.486	0.242	0.033	0.028	0.024	0.011	0.86386
444772.99	3748185.77	0.037	0.441	0.220	0.030	0.025	0.022	0.010	0.78506
444872.99	3748185.77	0.034	0.405	0.202	0.027	0.023	0.020	0.010	0.72098
444972.99	3748185.77	0.031	0.370	0.184	0.025	0.021	0.018	0.009	0.65814
445072.99	3748185.77	0.028	0.339	0.169	0.023	0.019	0.017	0.008	0.60320
445172.99	3748185.77	0.026	0.312	0.156	0.021	0.018	0.015	0.007	0.55484
445272.99	3748185.77	0.024	0.288	0.144	0.019	0.016	0.014	0.007	0.51262
445372.99	3748185.77	0.022	0.267	0.133	0.018	0.015	0.013	0.006	0.47517
445472.99	3748185.77	0.021	0.249	0.124	0.017	0.014	0.012	0.006	0.44195
445572.99	3748185.77	0.019	0.232	0.116	0.016	0.013	0.011	0.005	0.41244
444172.99	3748285.77	0.118	1.423	0.710	0.098	0.082	0.071	0.034	2.53575
444272.99	3748285.77	0.084	1.010	0.504	0.069	0.058	0.050	0.024	1.79874
444372.99	3748285.77	0.066	0.794	0.396	0.054	0.046	0.039	0.019	1.41326
444472.99	3748285.77	0.055	0.659	0.329	0.045	0.038	0.033	0.016	1.17262
444572.99	3748285.77	0.047	0.568	0.283	0.039	0.032	0.028	0.013	1.01029
444672.99	3748285.77	0.041	0.499	0.249	0.034	0.029	0.025	0.012	0.88822
444772.99	3748285.77	0.037	0.447	0.223	0.030	0.026	0.022	0.011	0.79497
444872.99	3748285.77	0.033	0.402	0.201	0.027	0.023	0.020	0.009	0.71539
444972.99	3748285.77	0.030	0.365	0.182	0.025	0.021	0.018	0.009	0.64900
445072.99	3748285.77	0.028	0.334	0.167	0.023	0.019	0.016	0.008	0.59423
445172.99	3748285.77	0.025	0.307	0.153	0.021	0.017	0.015	0.007	0.54641
445272.99	3748285.77	0.024	0.285	0.142	0.019	0.016	0.014	0.007	0.50608
445372.99	3748285.77	0.022	0.264	0.132	0.018	0.015	0.013	0.006	0.47031
445472.99	3748285.77	0.020	0.246	0.123	0.017	0.014	0.012	0.006	0.43832
445572.99	3748285.77	0.019	0.231	0.115	0.016	0.013	0.011	0.005	0.41021
444172.99	3748385.77	0.156	1.887	0.943	0.133	0.112	0.096	0.045	3.37197
444272.99	3748385.77	0.102	1.237	0.617	0.085	0.072	0.062	0.029	2.20451
444372.99	3748385.77	0.076	0.918	0.458	0.063	0.053	0.046	0.022	1.63508
444472.99	3748385.77	0.060	0.730	0.364	0.050	0.042	0.036	0.017	1.30005
444572.99	3748385.77	0.050	0.604	0.301	0.041	0.035	0.030	0.014	1.07449
444672.99	3748385.77	0.043	0.517	0.258	0.035	0.030	0.026	0.012	0.92000
444772.99	3748385.77	0.038	0.454	0.226	0.031	0.026	0.022	0.011	0.80808
444872.99	3748385.77	0.033	0.404	0.201	0.027	0.023	0.020	0.010	0.71889
444972.99	3748385.77	0.030	0.362	0.181	0.025	0.021	0.018	0.009	0.64437
445072.99	3748385.77	0.027	0.331	0.165	0.022	0.019	0.016	0.008	0.58913
445172.99	3748385.77	0.025	0.304	0.151	0.021	0.017	0.015	0.007	0.54035
445272.99	3748385.77	0.023	0.281	0.140	0.019	0.016	0.014	0.007	0.50019
445372.99	3748385.77	0.022	0.262	0.130	0.018	0.015	0.013	0.006	0.46541
445472.99	3748385.77	0.020	0.245	0.122	0.017	0.014	0.012	0.006	0.43549
445572.99	3748385.77	0.019	0.229	0.114	0.015	0.013	0.011	0.005	0.40738
444172.99	3748485.77	0.158	1.907	0.955	0.139	0.118	0.100	0.046	3.42367
444272.99	3748485.77	0.109	1.318	0.659	0.093	0.079	0.067	0.032	2.35753
444372.99	3748485.77	0.082	0.987	0.493	0.068	0.057	0.049	0.023	1.75936
444472.99	3748485.77	0.064	0.774	0.386	0.053	0.045	0.038	0.018	1.37788
444572.99	3748485.77	0.052	0.631	0.315	0.043	0.036	0.031	0.015	1.12405
444672.99	3748485.77	0.044	0.532	0.265	0.036	0.030	0.026	0.013	0.94676

444772.99	3748485.77	0.038	0.460	0.229	0.031	0.026	0.023	0.011	0.81784
444872.99	3748485.77	0.034	0.407	0.203	0.028	0.023	0.020	0.010	0.72342
444972.99	3748485.77	0.030	0.364	0.181	0.025	0.021	0.018	0.009	0.64700
445072.99	3748485.77	0.027	0.328	0.164	0.022	0.019	0.016	0.008	0.58426
445172.99	3748485.77	0.025	0.301	0.150	0.020	0.017	0.015	0.007	0.53601
445272.99	3748485.77	0.023	0.278	0.138	0.019	0.016	0.014	0.007	0.49405
445372.99	3748485.77	0.021	0.259	0.129	0.018	0.015	0.013	0.006	0.45997
445472.99	3748485.77	0.020	0.241	0.120	0.016	0.014	0.012	0.006	0.42909
445572.99	3748485.77	0.019	0.226	0.113	0.015	0.013	0.011	0.005	0.40209
443047.86	3748855.7	0.368	4.442	2.214	0.298	0.251	0.217	0.104	7.89387
443030.11	3748868.74	0.355	4.286	2.136	0.288	0.242	0.209	0.100	7.61586
443016.91	3748884.58	0.386	4.658	2.321	0.313	0.263	0.228	0.109	8.27670
442999.31	3748898.66	0.369	4.463	2.224	0.300	0.252	0.218	0.105	7.93029
442983.47	3748918.02	0.386	4.662	2.323	0.313	0.263	0.228	0.109	8.28438
442962.35	3748934.74	0.354	4.277	2.131	0.287	0.242	0.209	0.100	7.60012
442947.39	3748948.82	0.337	4.076	2.031	0.274	0.230	0.199	0.096	7.24293
442935.07	3748963.78	0.337	4.065	2.026	0.273	0.230	0.199	0.095	7.22346
442916.59	3748985.78	0.340	4.110	2.048	0.276	0.232	0.201	0.096	7.30415
442898.98	3749001.62	0.310	3.746	1.867	0.252	0.212	0.183	0.088	6.65725
442881.38	3749017.46	0.272	3.285	1.637	0.221	0.185	0.160	0.077	5.83803
442868.18	3749033.31	0.249	3.006	1.498	0.202	0.170	0.147	0.070	5.34081
442854.1	3749046.51	0.210	2.541	1.266	0.171	0.143	0.124	0.060	4.51518
442832.98	3749062.35	0.151	1.829	0.911	0.123	0.103	0.089	0.043	3.24981
442816.26	3749081.71	0.114	1.383	0.689	0.093	0.078	0.068	0.032	2.45745
442801.3	3749094.91	0.091	1.093	0.545	0.073	0.062	0.053	0.026	1.94317
442780.18	3749111.63	0.069	0.832	0.414	0.056	0.047	0.041	0.019	1.47804
442764.34	3749127.47	0.057	0.692	0.345	0.047	0.039	0.034	0.016	1.22967
442750.26	3749130.11	0.052	0.628	0.313	0.042	0.036	0.031	0.015	1.11612
442722.1	3749138.03	0.043	0.524	0.261	0.035	0.030	0.026	0.012	0.93122
442705.38	3749146.83	0.039	0.474	0.236	0.032	0.027	0.023	0.011	0.84237
442678.1	3749144.19	0.035	0.428	0.213	0.029	0.024	0.021	0.010	0.76069
442659.62	3749147.71	0.033	0.397	0.198	0.027	0.023	0.019	0.009	0.70639
442638.49	3749145.07	0.031	0.372	0.186	0.025	0.021	0.018	0.009	0.66205
442662.26	3749101.07	0.036	0.439	0.219	0.030	0.025	0.022	0.010	0.78105
442694.82	3749095.79	0.042	0.510	0.254	0.034	0.029	0.025	0.012	0.90565
442709.78	3749094.03	0.046	0.550	0.274	0.037	0.031	0.027	0.013	0.97709
442730.02	3749086.99	0.052	0.622	0.310	0.042	0.035	0.030	0.015	1.10633
442752.02	3749068.51	0.061	0.740	0.369	0.050	0.042	0.036	0.017	1.31526
442796.9	3749035.95	0.089	1.079	0.538	0.073	0.061	0.053	0.025	1.91718
442817.14	3749007.78	0.101	1.226	0.611	0.082	0.069	0.060	0.029	2.17832
442845.3	3748987.54	0.126	1.517	0.756	0.102	0.086	0.074	0.036	2.69561
442865.54	3748973.46	0.145	1.755	0.875	0.118	0.099	0.086	0.041	3.11932
442840.9	3748956.74	0.106	1.280	0.638	0.086	0.072	0.063	0.030	2.27439
442888.42	3748944.42	0.152	1.834	0.914	0.123	0.104	0.090	0.043	3.25893
442871.7	3748932.1	0.121	1.467	0.731	0.099	0.083	0.072	0.034	2.60758
442872.58	3748910.98	0.111	1.339	0.667	0.090	0.076	0.065	0.031	2.37985
442880.5	3748896.9	0.110	1.331	0.663	0.089	0.075	0.065	0.031	2.36472
442906.02	3748895.14	0.132	1.592	0.793	0.107	0.090	0.078	0.037	2.82932
442925.39	3748905.7	0.164	1.977	0.985	0.133	0.112	0.097	0.046	3.51434
442928.03	3748871.38	0.134	1.617	0.806	0.109	0.091	0.079	0.038	2.87443
442942.99	3748881.94	0.162	1.952	0.973	0.131	0.110	0.095	0.046	3.46972
442959.71	3748871.38	0.172	2.076	1.035	0.140	0.117	0.101	0.049	3.68952

442923.63	3748842.34	0.110	1.331	0.664	0.090	0.075	0.065	0.031	2.36637
442937.71	3748821.22	0.106	1.283	0.639	0.086	0.073	0.063	0.030	2.28047
442971.15	3748822.98	0.131	1.585	0.790	0.107	0.090	0.078	0.037	2.81631
442986.11	3748841.46	0.168	2.027	1.010	0.136	0.115	0.099	0.048	3.60256
442985.23	3748812.42	0.133	1.604	0.800	0.108	0.091	0.078	0.038	2.85172
443001.95	3748822.1	0.158	1.912	0.953	0.129	0.108	0.094	0.045	3.39793
443063.55	3748836.18	0.325	3.926	1.957	0.264	0.222	0.192	0.092	6.97827
443064.43	3748815.06	0.243	2.932	1.461	0.197	0.166	0.143	0.069	5.21200
443051.23	3748791.3	0.175	2.110	1.052	0.142	0.119	0.103	0.049	3.75035
443003.71	3748799.22	0.134	1.620	0.807	0.109	0.092	0.079	0.038	2.87916
442974.67	3748795.7	0.112	1.353	0.674	0.091	0.077	0.066	0.032	2.40551
443038.91	3748779.86	0.147	1.770	0.882	0.119	0.100	0.087	0.042	3.14649
443027.47	3748759.61	0.119	1.439	0.717	0.097	0.081	0.070	0.034	2.55735
443023.95	3748743.77	0.108	1.300	0.648	0.088	0.074	0.064	0.030	2.31092
443008.99	3748724.41	0.093	1.118	0.557	0.075	0.063	0.055	0.026	1.98673
443008.99	3748702.41	0.085	1.033	0.515	0.070	0.059	0.051	0.024	1.83555
443097.87	3748795.7	0.253	3.057	1.524	0.206	0.173	0.150	0.072	5.43382
443090.83	3748778.98	0.197	2.380	1.186	0.160	0.135	0.117	0.056	4.23102
443071.47	3748764.01	0.157	1.898	0.946	0.128	0.108	0.093	0.045	3.37440
443064.43	3748742.01	0.132	1.588	0.792	0.107	0.090	0.078	0.037	2.82335
443051.23	3748723.53	0.114	1.373	0.684	0.092	0.078	0.067	0.032	2.44102
443042.43	3748707.69	0.102	1.229	0.612	0.083	0.070	0.060	0.029	2.18422
443042.43	3748691.85	0.096	1.154	0.575	0.078	0.065	0.057	0.027	2.05229
443141.87	3748742.01	0.162	1.957	0.976	0.132	0.111	0.096	0.046	3.48041
443121.63	3748726.17	0.140	1.689	0.842	0.114	0.096	0.083	0.040	3.00243
443107.55	3748705.05	0.121	1.465	0.730	0.099	0.083	0.072	0.034	2.60370
443088.19	3748676.01	0.103	1.244	0.620	0.084	0.070	0.061	0.029	2.21073
443145.39	3748708.57	0.134	1.614	0.805	0.109	0.092	0.079	0.038	2.87051
443176.19	3748679.53	0.128	1.543	0.769	0.104	0.088	0.076	0.036	2.74344
443103.15	3748670.73	0.105	1.266	0.631	0.085	0.072	0.062	0.030	2.25061
443230.76	3748790.42	0.230	2.774	1.385	0.193	0.162	0.140	0.066	4.94921
443242.2	3748767.54	0.201	2.431	1.212	0.165	0.139	0.120	0.057	4.32681
443255.4	3748742.89	0.187	2.258	1.126	0.153	0.129	0.111	0.053	4.01654
443265.08	3748712.97	0.177	2.141	1.067	0.144	0.121	0.105	0.050	3.80629
443278.28	3748687.45	0.181	2.188	1.091	0.147	0.124	0.107	0.051	3.89029
443297.64	3748659.29	0.202	2.443	1.217	0.164	0.138	0.119	0.057	4.34180
443306.44	3748793.94	0.310	3.740	1.865	0.253	0.213	0.184	0.088	6.65179
443339.88	3748786.02	0.383	4.630	2.308	0.312	0.262	0.227	0.109	8.23025
443371.56	3748768.42	0.445	5.380	2.681	0.362	0.304	0.263	0.126	9.56206
443392.68	3748756.97	0.496	5.990	2.985	0.402	0.339	0.293	0.140	10.64466
443418.2	3748739.37	0.535	6.458	3.218	0.434	0.365	0.315	0.151	11.47545
443444.6	3748724.41	0.580	7.008	3.492	0.471	0.396	0.342	0.164	12.45280
443471.89	3748711.21	0.618	7.458	3.716	0.501	0.421	0.364	0.175	13.25254
443496.53	3748694.49	0.613	7.403	3.689	0.497	0.418	0.361	0.173	13.15437
443525.57	3748681.29	0.653	7.890	3.932	0.530	0.445	0.385	0.185	14.01960
443548.45	3748668.09	0.629	7.592	3.783	0.510	0.429	0.371	0.178	13.49007
443583.65	3748651.37	0.701	8.469	4.220	0.568	0.478	0.413	0.198	15.04951
443383	3748960.26	0.234	2.826	1.409	0.192	0.161	0.139	0.067	5.02822
443380.36	3748936.5	0.284	3.434	1.712	0.233	0.196	0.169	0.081	6.10778
443370.68	3748910.1	0.421	5.090	2.537	0.344	0.289	0.250	0.120	9.05094
443386.52	3748896.02	0.565	6.820	3.399	0.459	0.386	0.334	0.160	12.12362
443423.48	3748874.9	0.636	7.684	3.829	0.517	0.435	0.376	0.180	13.65665

443448.13	3748859.94	0.633	7.645	3.810	0.514	0.432	0.374	0.179	13.58721
443465.73	3748849.38	0.622	7.507	3.741	0.504	0.424	0.367	0.176	13.34067
443497.41	3748829.14	0.608	7.349	3.662	0.494	0.415	0.359	0.172	13.05969
443513.25	3748820.34	0.596	7.203	3.590	0.484	0.407	0.352	0.169	12.80026
443539.65	3748809.78	0.580	7.005	3.491	0.470	0.396	0.342	0.164	12.44888
443559.89	3748803.62	0.567	6.849	3.413	0.460	0.387	0.335	0.160	12.17157
443581.89	3748796.58	0.564	6.813	3.395	0.457	0.385	0.333	0.160	12.10617
443602.13	3748793.06	0.542	6.542	3.260	0.439	0.369	0.319	0.153	11.62594
443624.13	3748791.3	0.510	6.165	3.072	0.414	0.348	0.301	0.144	10.95487
443642.61	3748786.9	0.522	6.302	3.141	0.423	0.356	0.308	0.148	11.19892
443661.09	3748783.38	0.520	6.278	3.129	0.422	0.354	0.307	0.147	11.15679
443683.97	3748786.02	0.456	5.503	2.742	0.369	0.311	0.269	0.129	9.77803
443535.25	3748597.69	0.710	8.577	4.274	0.576	0.484	0.419	0.201	15.24028
443511.49	3748617.05	0.662	8.000	3.987	0.537	0.452	0.391	0.187	14.21575
443491.25	3748637.29	0.619	7.470	3.722	0.501	0.422	0.365	0.175	13.27387
443468.37	3748647.85	0.657	7.933	3.953	0.532	0.448	0.387	0.186	14.09616
443441.08	3748674.25	0.523	6.312	3.145	0.424	0.356	0.308	0.148	11.21632
443414.68	3748689.21	0.465	5.613	2.797	0.377	0.317	0.274	0.132	9.97402
443389.16	3748705.93	0.372	4.490	2.237	0.302	0.254	0.219	0.105	7.97874
443307.32	3748632.01	0.214	2.584	1.288	0.174	0.146	0.126	0.061	4.59309
443322.28	3748600.33	0.223	2.694	1.343	0.181	0.152	0.132	0.063	4.78857
443336.36	3748572.17	0.227	2.745	1.368	0.184	0.155	0.134	0.064	4.87799
443355.72	3748617.05	0.374	4.519	2.252	0.303	0.255	0.221	0.106	8.03013
443377.72	3748583.61	0.428	5.173	2.578	0.347	0.292	0.253	0.121	9.19252
443387.4	3748555.45	0.393	4.750	2.367	0.319	0.268	0.232	0.111	8.44131
443399.72	3748531.69	0.429	5.181	2.582	0.348	0.293	0.253	0.121	9.20665
443409.4	3748510.57	0.480	5.795	2.888	0.389	0.327	0.283	0.136	10.29834
443339.88	3748550.17	0.216	2.607	1.299	0.175	0.147	0.127	0.061	4.63325
443358.36	3748517.61	0.221	2.674	1.333	0.180	0.151	0.131	0.063	4.75255
443360.12	3748489.44	0.210	2.541	1.266	0.171	0.144	0.124	0.060	4.51547
443372.44	3748464.8	0.222	2.680	1.336	0.180	0.151	0.131	0.063	4.76297
443394.44	3748441.04	0.224	2.705	1.348	0.182	0.153	0.132	0.063	4.80768
443497.41	3748439.28	0.619	7.472	3.723	0.502	0.422	0.365	0.175	13.27639
443522.05	3748422.56	0.463	5.592	2.787	0.375	0.316	0.273	0.131	9.93722
443541.41	3748404.08	0.383	4.626	2.305	0.311	0.261	0.226	0.108	8.22123
443557.25	3748392.64	0.349	4.221	2.103	0.283	0.238	0.206	0.099	7.50038
443580.13	3748376.8	0.340	4.111	2.049	0.276	0.232	0.201	0.096	7.30653
443602.13	3748365.36	0.345	4.168	2.077	0.280	0.235	0.204	0.098	7.40620
443623.25	3748346	0.329	3.976	1.981	0.267	0.225	0.194	0.093	7.06591
443653.17	3748335.44	0.379	4.579	2.282	0.308	0.259	0.224	0.107	8.13749
443671.65	3748321.36	0.372	4.494	2.239	0.302	0.254	0.220	0.105	7.98593
443508.85	3748368.88	0.226	2.727	1.359	0.183	0.154	0.133	0.064	4.84726
443479.81	3748380.32	0.225	2.716	1.353	0.183	0.153	0.133	0.064	4.82646
443526.45	3748355.68	0.216	2.614	1.303	0.176	0.148	0.128	0.061	4.64540
443548.45	3748339.84	0.210	2.531	1.261	0.170	0.143	0.124	0.059	4.49842
443571.33	3748324	0.209	2.521	1.256	0.170	0.143	0.123	0.059	4.48099
443590.69	3748310.8	0.206	2.486	1.239	0.167	0.141	0.122	0.058	4.41832
443612.69	3748296.72	0.200	2.421	1.207	0.163	0.137	0.118	0.057	4.30381
443636.45	3748282.64	0.201	2.422	1.207	0.163	0.137	0.119	0.057	4.30512
443654.93	3748265.92	0.190	2.293	1.143	0.154	0.130	0.112	0.054	4.07664
443672.53	3748246.56	0.177	2.132	1.063	0.144	0.121	0.104	0.050	3.79002
443689.25	3748231.6	0.167	2.023	1.008	0.136	0.115	0.099	0.047	3.59645

443706.85	3748215.75	0.160	1.929	0.962	0.130	0.110	0.095	0.045	3.43113
443691.02	3748297.6	0.317	3.828	1.908	0.257	0.217	0.187	0.090	6.80403
443707.74	3748282.64	0.285	3.447	1.718	0.232	0.195	0.169	0.081	6.12650
443725.34	3748266.8	0.257	3.103	1.546	0.209	0.176	0.152	0.073	5.51514
443741.18	3748257.12	0.251	3.035	1.512	0.204	0.172	0.149	0.071	5.39449
443759.66	3748243.03	0.252	3.041	1.516	0.205	0.172	0.149	0.071	5.40720
443773.74	3748221.03	0.218	2.630	1.311	0.178	0.150	0.129	0.062	4.67738
443794.86	3748203.43	0.210	2.534	1.263	0.172	0.144	0.125	0.060	4.50681
443813.34	3748185.83	0.200	2.414	1.204	0.164	0.138	0.119	0.057	4.29590
443824.78	3748163.83	0.172	2.074	1.035	0.143	0.120	0.103	0.049	3.69643
443842.38	3748150.63	0.165	1.992	0.995	0.140	0.118	0.101	0.048	3.55803
443794.86	3748123.35	0.117	1.417	0.708	0.099	0.083	0.072	0.034	2.53036
443808.06	3748106.63	0.112	1.352	0.677	0.098	0.083	0.070	0.033	2.42481
443773.74	3748145.35	0.126	1.517	0.757	0.104	0.088	0.075	0.036	2.70212
443762.3	3748169.11	0.141	1.699	0.847	0.116	0.097	0.084	0.040	3.02353
443749.1	3748183.19	0.148	1.787	0.891	0.121	0.102	0.088	0.042	3.17938
443724.46	3748197.27	0.151	1.818	0.906	0.123	0.104	0.089	0.043	3.23309
443669.01	3748506.17	0.799	9.650	4.809	0.648	0.545	0.471	0.226	17.14710
443691.02	3748531.69	0.738	8.913	4.441	0.598	0.503	0.435	0.209	15.83731
443709.5	3748544.89	0.715	8.640	4.306	0.580	0.488	0.422	0.202	15.35298
443731.5	3748574.81	0.855	10.331	5.148	0.693	0.583	0.504	0.242	18.35712
443760.54	3748588.01	0.862	10.410	5.188	0.699	0.588	0.508	0.244	18.49802
443782.54	3748564.25	0.645	7.794	3.884	0.523	0.440	0.381	0.183	13.84891
443807.18	3748539.61	0.559	6.753	3.365	0.453	0.381	0.330	0.158	11.99986
443826.54	3748515.85	0.518	6.256	3.118	0.420	0.353	0.306	0.147	11.11730
443852.94	3748491.21	0.511	6.167	3.073	0.414	0.348	0.301	0.145	10.96000
443863.5	3748470.09	0.486	5.864	2.922	0.394	0.331	0.287	0.137	10.42179
443881.98	3748439.28	0.461	5.562	2.772	0.374	0.314	0.272	0.130	9.88446
443881.1	3748410.24	0.423	5.114	2.549	0.344	0.289	0.250	0.120	9.08955
443899.59	3748423.44	0.467	5.637	2.809	0.379	0.319	0.276	0.132	10.01910
443891.66	3748384.72	0.412	4.979	2.482	0.335	0.282	0.244	0.117	8.85039
443911.07	3748370.97	0.411	4.970	2.477	0.335	0.281	0.243	0.117	8.83400
443929.51	3748345.54	0.412	4.980	2.482	0.336	0.282	0.244	0.117	8.85406
443939.05	3748329.01	0.406	4.907	2.446	0.331	0.279	0.241	0.115	8.72483
443954.95	3748309.93	0.394	4.754	2.370	0.322	0.271	0.234	0.112	8.45638
443975.29	3748291.49	0.359	4.335	2.163	0.297	0.250	0.215	0.102	7.72058
443932.69	3748260.34	0.504	6.086	3.035	0.413	0.347	0.300	0.143	10.82825
443907.9	3748288.95	0.535	6.462	3.221	0.436	0.366	0.317	0.152	11.48775
443892	3748306.75	0.521	6.293	3.137	0.424	0.356	0.308	0.148	11.18658
443878.65	3748325.19	0.496	5.993	2.987	0.403	0.339	0.293	0.141	10.65208
443864.66	3748341.09	0.486	5.866	2.923	0.395	0.332	0.287	0.138	10.42565
443848.13	3748357.62	0.496	5.990	2.985	0.403	0.339	0.293	0.140	10.64550
443829.69	3748376.69	0.496	5.996	2.988	0.403	0.339	0.293	0.141	10.65528
443795.99	3748384.96	0.579	6.990	3.483	0.470	0.395	0.341	0.164	12.42160
443774.37	3748402.76	0.591	7.136	3.556	0.479	0.403	0.349	0.167	12.68079
443747.03	3748423.75	0.635	7.674	3.824	0.515	0.433	0.375	0.180	13.63592
443723.5	3748442.19	0.655	7.909	3.941	0.531	0.447	0.386	0.185	14.05411
443705.7	3748458.72	0.648	7.821	3.897	0.525	0.442	0.382	0.183	13.89717
443678.36	3748482.88	0.749	9.048	4.509	0.607	0.511	0.442	0.212	16.07783
443730.5	3748499.41	0.535	6.460	3.219	0.434	0.365	0.316	0.151	11.48011
443747.03	3748481.61	0.499	6.023	3.002	0.404	0.340	0.294	0.141	10.70352
443773.1	3748465.71	0.476	5.745	2.863	0.386	0.325	0.281	0.135	10.20972

443753.39	3748477.79	0.492	5.946	2.963	0.399	0.336	0.290	0.139	10.56566
443778.19	3748500.05	0.473	5.716	2.849	0.384	0.323	0.279	0.134	10.15799
443792.17	3748480.97	0.459	5.538	2.760	0.372	0.313	0.271	0.130	9.84135
443816.97	3748455.54	0.440	5.309	2.646	0.357	0.300	0.259	0.124	9.43519
443801.08	3748442.82	0.458	5.530	2.756	0.371	0.312	0.270	0.130	9.82667
443815.7	3748424.38	0.454	5.478	2.730	0.368	0.310	0.268	0.128	9.73575
443834.14	3748437.73	0.432	5.214	2.598	0.350	0.295	0.255	0.122	9.26550
443855.06	3748084.13	0.109	1.319	0.663	0.102	0.087	0.073	0.033	2.38585
443836.57	3748062.13	0.099	1.196	0.602	0.093	0.079	0.067	0.030	2.16685
443812.81	3748041	0.092	1.106	0.558	0.089	0.076	0.064	0.028	2.01276
443769.68	3747996.11	0.081	0.979	0.495	0.081	0.069	0.058	0.025	1.78874
443828.65	3748013.72	0.089	1.077	0.539	0.079	0.066	0.057	0.026	1.93312
443816.33	3747989.95	0.085	1.032	0.517	0.075	0.063	0.054	0.025	1.85076
443813.69	3747954.75	0.086	1.038	0.519	0.074	0.062	0.053	0.025	1.85657
443764.4	3747961.79	0.079	0.949	0.477	0.072	0.061	0.052	0.023	1.71215
443730.07	3747945.06	0.074	0.896	0.452	0.073	0.062	0.052	0.023	1.63236
443706.31	3747923.06	0.072	0.869	0.440	0.073	0.063	0.052	0.023	1.59079
443688.7	3747902.81	0.070	0.841	0.426	0.071	0.061	0.050	0.022	1.54057
443664.94	3747880.81	0.066	0.794	0.403	0.069	0.059	0.049	0.021	1.46173
443646.45	3747852.64	0.063	0.757	0.383	0.064	0.055	0.046	0.020	1.38781
443619.17	3747824.48	0.059	0.715	0.363	0.062	0.053	0.044	0.019	1.31475
443604.2	3747805.99	0.058	0.700	0.355	0.061	0.052	0.043	0.018	1.28679
443618.29	3747776.95	0.059	0.710	0.358	0.056	0.048	0.040	0.018	1.28875
443639.41	3747752.3	0.061	0.733	0.368	0.057	0.048	0.041	0.018	1.32568
443670.22	3747725.02	0.064	0.778	0.391	0.059	0.050	0.042	0.019	1.40393
443702.78	3747688.05	0.070	0.850	0.428	0.066	0.056	0.047	0.021	1.53900
443684.3	3747671.33	0.066	0.796	0.402	0.065	0.055	0.046	0.020	1.45041
443719.51	3747704.77	0.075	0.910	0.457	0.069	0.059	0.050	0.023	1.64256
443730.07	3747724.14	0.080	0.961	0.482	0.071	0.060	0.051	0.024	1.72878
443752.96	3747739.98	0.089	1.078	0.541	0.080	0.068	0.058	0.026	1.93926
443766.16	3747760.22	0.097	1.177	0.590	0.086	0.073	0.062	0.029	2.11357
443789.04	3747782.23	0.112	1.348	0.675	0.098	0.082	0.070	0.033	2.41826
443802.25	3747798.07	0.122	1.478	0.740	0.106	0.090	0.077	0.036	2.64824
443819.85	3747817.44	0.142	1.716	0.858	0.122	0.103	0.088	0.041	3.07231
443838.33	3747832.4	0.168	2.025	1.013	0.144	0.122	0.104	0.049	3.62376
443855.06	3747848.24	0.190	2.293	1.146	0.162	0.137	0.117	0.055	4.10109
443868.26	3747867.61	0.189	2.279	1.139	0.160	0.135	0.116	0.054	4.07288
443885.86	3747890.49	0.177	2.140	1.069	0.149	0.126	0.108	0.051	3.82068
443905.23	3747909.86	0.169	2.042	1.019	0.141	0.119	0.102	0.048	3.64127
443919.31	3747930.1	0.154	1.856	0.926	0.127	0.107	0.092	0.044	3.30574
443942.2	3747945.94	0.164	1.979	0.987	0.135	0.114	0.098	0.047	3.52294
443955.4	3747961.79	0.138	1.670	0.833	0.114	0.096	0.083	0.039	2.97312
443984.44	3747930.1	0.231	2.788	1.390	0.189	0.159	0.137	0.066	4.96086
443991.49	3747911.62	0.342	4.133	2.061	0.280	0.235	0.203	0.097	7.35091
443994.13	3747889.61	0.528	6.373	3.177	0.430	0.362	0.313	0.150	11.33151
444004.69	3747868.49	0.498	6.017	2.999	0.406	0.342	0.295	0.141	10.69922
444006.45	3747849.12	0.542	6.552	3.266	0.442	0.372	0.321	0.154	11.64828
444014.37	3747831.52	0.536	6.474	3.227	0.436	0.367	0.317	0.152	11.50958
444017.01	3747807.75	0.585	7.061	3.519	0.476	0.400	0.346	0.166	12.55259
444024.93	3747790.15	0.583	7.047	3.512	0.474	0.399	0.345	0.165	12.52573
444036.38	3747768.15	0.571	6.891	3.434	0.464	0.390	0.337	0.162	12.24813
444047.82	3747747.9	0.563	6.795	3.386	0.457	0.384	0.332	0.159	12.07737

444058.38	3747728.54	0.557	6.732	3.355	0.453	0.381	0.329	0.158	11.96505
444071.58	3747710.05	0.537	6.487	3.233	0.436	0.367	0.317	0.152	11.52840
444086.55	3747695.97	0.495	5.984	2.982	0.402	0.338	0.293	0.140	10.63486
444102.39	3747681.89	0.454	5.481	2.732	0.368	0.310	0.268	0.128	9.74169
444114.71	3747666.93	0.435	5.259	2.621	0.353	0.297	0.257	0.123	9.34577
444132.32	3747655.48	0.392	4.737	2.361	0.318	0.268	0.232	0.111	8.41944
444112.95	3747621.16	0.519	6.273	3.126	0.421	0.354	0.306	0.147	11.14711
443727.52	3747635.24	0.077	0.930	0.470	0.077	0.065	0.055	0.024	1.69670
443741.61	3747647.56	0.082	0.994	0.501	0.080	0.068	0.057	0.025	1.80771
443754.81	3747668.68	0.088	1.058	0.534	0.087	0.074	0.062	0.027	1.93034
443769.77	3747684.53	0.094	1.134	0.572	0.091	0.078	0.065	0.029	2.06334
443780.34	3747695.09	0.103	1.238	0.623	0.096	0.082	0.069	0.031	2.24244
443797.06	3747714.46	0.117	1.416	0.712	0.108	0.092	0.078	0.035	2.55826
443809.38	3747727.66	0.131	1.583	0.795	0.119	0.101	0.086	0.039	2.85368
443823.47	3747745.26	0.152	1.840	0.923	0.137	0.116	0.098	0.045	3.31234
443846.35	3747775.19	0.195	2.361	1.183	0.175	0.148	0.126	0.058	4.24556
443860.44	3747786.63	0.234	2.829	1.416	0.205	0.173	0.148	0.068	5.07330
443868.36	3747769.91	0.252	3.044	1.521	0.213	0.179	0.154	0.073	5.43596
443879.8	3747749.66	0.275	3.317	1.655	0.228	0.192	0.165	0.078	5.90964
443887.72	3747723.26	0.275	3.327	1.659	0.227	0.191	0.165	0.078	5.92198
443892.12	3747702.13	0.268	3.235	1.613	0.220	0.185	0.160	0.076	5.75736
443895.64	3747682.77	0.254	3.072	1.532	0.208	0.175	0.151	0.072	5.46537
443893	3747660.76	0.235	2.834	1.413	0.192	0.162	0.140	0.067	5.04192
443893.88	3747640.52	0.232	2.801	1.396	0.190	0.160	0.138	0.066	4.98206
443897.41	3747621.15	0.238	2.869	1.430	0.194	0.163	0.141	0.067	5.10263
443900.05	3747604.43	0.242	2.919	1.455	0.197	0.166	0.143	0.069	5.19111
443899.17	3747585.94	0.235	2.839	1.415	0.191	0.161	0.139	0.067	5.04714
443901.81	3747563.94	0.239	2.883	1.437	0.194	0.163	0.141	0.068	5.12552
443901.81	3747546.33	0.236	2.847	1.419	0.192	0.161	0.139	0.067	5.06047
443904.45	3747526.97	0.241	2.908	1.449	0.196	0.165	0.142	0.068	5.16952
443903.57	3747507.6	0.234	2.822	1.406	0.190	0.160	0.138	0.066	5.01544
443901.81	3747487.36	0.223	2.690	1.341	0.181	0.152	0.132	0.063	4.78137
443905.33	3747466.23	0.226	2.734	1.363	0.184	0.155	0.134	0.064	4.86008
443904.45	3747445.99	0.211	2.543	1.268	0.171	0.144	0.124	0.060	4.52041
443903.57	3747429.26	0.201	2.431	1.211	0.163	0.137	0.119	0.057	4.32032
443904.45	3747407.26	0.198	2.392	1.192	0.161	0.135	0.117	0.056	4.25166
443903.57	3747388.77	0.192	2.320	1.156	0.156	0.131	0.113	0.054	4.12345
443900.93	3747365.01	0.183	2.213	1.103	0.149	0.125	0.108	0.052	3.93229
443894.76	3747341.24	0.169	2.036	1.015	0.137	0.115	0.100	0.048	3.61930
443891.24	3747320.99	0.161	1.939	0.966	0.130	0.110	0.095	0.045	3.44666
443886.84	3747302.51	0.151	1.826	0.910	0.123	0.103	0.089	0.043	3.24468
443883.32	3747278.74	0.143	1.728	0.861	0.116	0.098	0.084	0.041	3.07114
443882.44	3747257.62	0.139	1.682	0.838	0.113	0.095	0.082	0.039	2.99012
443875.4	3747240.89	0.124	1.496	0.746	0.101	0.085	0.073	0.035	2.65916
443862.2	3747223.29	0.101	1.215	0.605	0.082	0.069	0.059	0.028	2.15869
443848.99	3747203.92	0.082	0.988	0.492	0.066	0.056	0.048	0.023	1.75554
443875.4	3747192.48	0.098	1.185	0.591	0.080	0.067	0.058	0.028	2.10680
443893.88	3747174	0.101	1.219	0.607	0.082	0.069	0.060	0.029	2.16585
443900.93	3747150.23	0.084	1.015	0.506	0.068	0.057	0.050	0.024	1.80472
443879.8	3747124.7	0.062	0.754	0.376	0.051	0.043	0.037	0.018	1.34051
443859.56	3747118.54	0.055	0.669	0.334	0.045	0.038	0.033	0.016	1.18964
443821.71	3747120.3	0.049	0.588	0.293	0.040	0.033	0.029	0.014	1.04536

444137.71	3747581.54	0.427	5.163	2.573	0.347	0.292	0.252	0.121	9.17501
444132.43	3747563.06	0.438	5.296	2.639	0.356	0.299	0.259	0.124	9.41107
444122.74	3747541.93	0.465	5.615	2.798	0.377	0.317	0.274	0.132	9.97859
444115.7	3747514.64	0.461	5.570	2.776	0.374	0.315	0.272	0.131	9.89861
444104.26	3747490.88	0.486	5.864	2.922	0.394	0.331	0.286	0.137	10.41982
444093.7	3747447.75	0.475	5.732	2.856	0.385	0.324	0.280	0.134	10.18504
444089.29	3747432.78	0.471	5.684	2.832	0.382	0.321	0.278	0.133	10.09966
444084.01	3747410.78	0.449	5.429	2.705	0.364	0.307	0.265	0.127	9.64689
444079.61	3747394.05	0.430	5.190	2.587	0.348	0.293	0.253	0.122	9.22326
444066.41	3747371.17	0.434	5.238	2.610	0.352	0.296	0.256	0.123	9.30818
444065.53	3747356.2	0.399	4.821	2.403	0.324	0.272	0.235	0.113	8.56734
444057.61	3747328.92	0.365	4.406	2.196	0.296	0.249	0.215	0.103	7.82908
444048.8	3747309.55	0.353	4.269	2.127	0.287	0.241	0.208	0.100	7.58628
444041.76	3747289.31	0.332	4.006	1.997	0.269	0.226	0.196	0.094	7.11938
444039.12	3747269.94	0.298	3.596	1.792	0.241	0.203	0.176	0.084	6.38935
444032.08	3747252.34	0.285	3.438	1.713	0.231	0.194	0.168	0.081	6.10951
444026.8	3747232.09	0.259	3.125	1.557	0.210	0.176	0.153	0.073	5.55300
444024.16	3747211.85	0.221	2.669	1.330	0.179	0.151	0.130	0.063	4.74261
444012.71	3747194.24	0.206	2.484	1.238	0.167	0.140	0.121	0.058	4.41420
444009.19	3747178.4	0.168	2.035	1.014	0.137	0.115	0.099	0.048	3.61588
444000.39	3747159.03	0.129	1.560	0.778	0.105	0.088	0.076	0.037	2.77292
443990.71	3747139.67	0.100	1.211	0.603	0.081	0.068	0.059	0.028	2.15138
443987.19	3747122.06	0.083	0.999	0.498	0.067	0.056	0.049	0.023	1.77571
443544.98	3747753.94	0.050	0.601	0.302	0.047	0.040	0.034	0.015	1.08933
443566.91	3747739.32	0.052	0.623	0.315	0.052	0.044	0.037	0.016	1.13837
443582.75	3747705.21	0.052	0.631	0.318	0.049	0.042	0.035	0.016	1.14346
443608.33	3747662.57	0.053	0.645	0.324	0.050	0.042	0.036	0.016	1.16707
443585.18	3747683.28	0.052	0.624	0.313	0.047	0.040	0.034	0.015	1.12402
443664.38	3747610.18	0.060	0.730	0.367	0.056	0.048	0.040	0.018	1.32028
444061.69	3748396.73	0.349	4.219	2.105	0.288	0.242	0.209	0.100	7.51145
443702.16	3748778.14	0.488	5.894	2.937	0.396	0.333	0.288	0.138	10.47411
443720.87	3748761.68	0.587	7.094	3.535	0.476	0.400	0.346	0.166	12.60565
443735.08	3748748.96	0.670	8.093	4.033	0.543	0.457	0.395	0.190	14.38078
443761.27	3748751.2	0.544	6.571	3.275	0.441	0.371	0.321	0.154	11.67694
443781.48	3748750.46	0.496	5.987	2.983	0.402	0.338	0.292	0.140	10.63839
443799.43	3748733.25	0.587	7.091	3.534	0.476	0.400	0.346	0.166	12.60126
443816.64	3748742.22	0.466	5.628	2.804	0.378	0.318	0.275	0.132	10.00031
443859.29	3748707.06	0.485	5.854	2.917	0.393	0.331	0.286	0.137	10.40258
443854.8	3748660.67	0.702	8.475	4.223	0.569	0.478	0.414	0.199	15.05943
443872.01	3748652.43	0.616	7.444	3.710	0.500	0.420	0.364	0.174	13.22873
443881.74	3748635.22	0.610	7.367	3.671	0.495	0.416	0.360	0.173	13.09139
443889.22	3748615.02	0.626	7.556	3.766	0.507	0.427	0.369	0.177	13.42788
443912.42	3748586.59	0.575	6.939	3.458	0.466	0.392	0.339	0.163	12.33045
443949.73	3748543.05	0.510	6.159	3.069	0.414	0.348	0.301	0.144	10.94510
443955.98	3748523.52	0.545	6.584	3.281	0.442	0.372	0.322	0.154	11.70159
443964.58	3748509.45	0.549	6.628	3.303	0.445	0.375	0.324	0.155	11.77861
443975.51	3748496.56	0.537	6.481	3.230	0.436	0.366	0.317	0.152	11.51916
444002.47	3748489.92	0.437	5.275	2.629	0.355	0.299	0.258	0.124	9.37669
443993.02	3748508.17	0.428	5.166	2.575	0.348	0.292	0.253	0.121	9.18266
443984.29	3748521.95	0.424	5.122	2.553	0.344	0.290	0.250	0.120	9.10324
443976.48	3748538.5	0.416	5.026	2.505	0.338	0.284	0.246	0.118	8.93226
443964.53	3748550.91	0.431	5.205	2.594	0.350	0.294	0.254	0.122	9.24989

443950.29	3748565.15	0.451	5.447	2.714	0.366	0.308	0.266	0.128	9.67999
443942.47	3748583.07	0.443	5.349	2.666	0.359	0.302	0.261	0.125	9.50615
444015.08	3748474.62	0.419	5.057	2.520	0.341	0.286	0.248	0.119	8.98900
444023.81	3748461.29	0.409	4.938	2.461	0.333	0.280	0.242	0.116	8.77879
444033	3748446.13	0.397	4.791	2.388	0.323	0.272	0.235	0.112	8.51775
444049.55	3748429.58	0.361	4.360	2.174	0.295	0.248	0.214	0.102	7.75449
444052.31	3748411.2	0.376	4.541	2.264	0.308	0.259	0.224	0.107	8.07816
443186.88	3748634.7	0.116	1.404	0.700	0.095	0.080	0.069	0.033	2.49626
443201.94	3748608.36	0.117	1.409	0.702	0.095	0.080	0.069	0.033	2.50378
443224.52	3748583.89	0.119	1.433	0.714	0.096	0.081	0.070	0.034	2.54697
443237.69	3748551.9	0.121	1.464	0.730	0.099	0.083	0.072	0.034	2.60236
443250.87	3748525.56	0.124	1.493	0.744	0.100	0.084	0.073	0.035	2.65413
443267.8	3748491.68	0.119	1.440	0.718	0.097	0.081	0.070	0.034	2.56026
443290.38	3748454.05	0.120	1.449	0.722	0.097	0.082	0.071	0.034	2.57514
443299.79	3748416.41	0.109	1.321	0.658	0.089	0.075	0.065	0.031	2.34812
443299.79	3748384.42	0.099	1.197	0.597	0.081	0.068	0.059	0.028	2.12752
443301.68	3748352.43	0.092	1.113	0.555	0.075	0.063	0.054	0.026	1.97829
443305.44	3748320.44	0.086	1.038	0.517	0.070	0.059	0.051	0.024	1.84479
443117.28	3748611.37	0.092	1.113	0.555	0.075	0.063	0.055	0.026	1.97887
443090.7	3748626.39	0.089	1.077	0.537	0.073	0.061	0.053	0.025	1.91466
443162.35	3748585.94	0.099	1.195	0.596	0.080	0.068	0.059	0.028	2.12500
443179.69	3748558.2	0.099	1.190	0.593	0.080	0.067	0.058	0.028	2.11599
443190.09	3748530.47	0.095	1.151	0.574	0.077	0.065	0.056	0.027	2.04561
443205.11	3748494.64	0.093	1.125	0.560	0.076	0.064	0.055	0.026	1.99889
443229.38	3748456.5	0.090	1.092	0.544	0.074	0.062	0.053	0.026	1.94133
443231.69	3748413.74	0.083	1.001	0.499	0.067	0.057	0.049	0.023	1.77935
443252.5	3748389.47	0.084	1.017	0.507	0.068	0.058	0.050	0.024	1.80716
443186.62	3748471.53	0.084	1.017	0.507	0.068	0.058	0.050	0.024	1.80737
443141.55	3748525.84	0.082	0.989	0.493	0.067	0.056	0.048	0.023	1.75859
443138.08	3748498.11	0.076	0.922	0.459	0.062	0.052	0.045	0.022	1.63828
443150.79	3748472.68	0.075	0.912	0.454	0.061	0.052	0.045	0.021	1.62066
443169.29	3748447.26	0.075	0.907	0.452	0.061	0.051	0.044	0.021	1.61277
443183.15	3748419.52	0.074	0.888	0.443	0.060	0.050	0.043	0.021	1.57925
443202.8	3748396.41	0.074	0.895	0.446	0.060	0.051	0.044	0.021	1.59129
443224.76	3748373.29	0.075	0.906	0.452	0.061	0.051	0.044	0.021	1.61124
443238.63	3748345.56	0.074	0.888	0.443	0.060	0.050	0.044	0.021	1.57937
443112.66	3748590.56	0.087	1.049	0.523	0.071	0.059	0.051	0.025	1.86462
443080.3	3748597.5	0.081	0.975	0.486	0.066	0.055	0.048	0.023	1.73394
443072.21	3748572.07	0.075	0.904	0.451	0.061	0.051	0.044	0.021	1.60723
443103.41	3748554.74	0.079	0.957	0.477	0.064	0.054	0.047	0.022	1.70094
443093.01	3748532.78	0.074	0.895	0.446	0.060	0.051	0.044	0.021	1.59089
444066.11	3748315.51	0.249	3.009	1.506	0.216	0.183	0.156	0.073	5.39154
444098.47	3748350.18	0.228	2.756	1.380	0.200	0.169	0.144	0.067	4.94329
444078.82	3748294.7	0.202	2.436	1.217	0.170	0.144	0.123	0.058	4.34926
444089.22	3748273.9	0.173	2.094	1.045	0.145	0.122	0.105	0.050	3.73442
444096.16	3748253.1	0.155	1.866	0.931	0.129	0.108	0.093	0.044	3.32657
444111.18	3748321.29	0.184	2.217	1.107	0.155	0.131	0.112	0.053	3.95849
444131.98	3748302.79	0.152	1.834	0.916	0.127	0.107	0.092	0.044	3.27038
444135.45	3748284.3	0.139	1.683	0.840	0.116	0.098	0.084	0.040	3.00019
443313.52	3748260.81	0.075	0.907	0.452	0.061	0.051	0.044	0.021	1.61304
443230.72	3748275.87	0.062	0.755	0.376	0.051	0.043	0.037	0.018	1.34182
443260.83	3748238.23	0.062	0.751	0.374	0.051	0.043	0.037	0.018	1.33461

443274	3748215.65	0.061	0.738	0.368	0.050	0.042	0.036	0.017	1.31228
443304.11	3748178.01	0.059	0.715	0.356	0.048	0.041	0.035	0.017	1.27090
443198.73	3748330.44	0.064	0.768	0.383	0.052	0.044	0.038	0.018	1.36482
443155.44	3748373.72	0.062	0.753	0.376	0.051	0.043	0.037	0.018	1.33949
443119.69	3748411.36	0.061	0.739	0.368	0.050	0.042	0.036	0.017	1.31403
443100.87	3748441.47	0.063	0.755	0.376	0.051	0.043	0.037	0.018	1.34270
443093.34	3748477.23	0.067	0.809	0.403	0.054	0.046	0.040	0.019	1.43746
443080.17	3748501.69	0.068	0.821	0.409	0.055	0.046	0.040	0.019	1.45863
443718.12	3747857.82	0.077	0.930	0.465	0.067	0.057	0.048	0.022	1.66657
443737.76	3747882.38	0.080	0.961	0.481	0.069	0.059	0.050	0.023	1.72320
443765.27	3747898.1	0.084	1.012	0.506	0.072	0.061	0.052	0.024	1.81137
443754.46	3747918.73	0.079	0.951	0.476	0.069	0.058	0.050	0.023	1.70598
443696.5	3747826.38	0.073	0.887	0.444	0.064	0.054	0.046	0.021	1.58995
443672.93	3747804.77	0.068	0.822	0.412	0.060	0.051	0.043	0.020	1.47514
443726.96	3747844.07	0.080	0.971	0.486	0.069	0.058	0.050	0.023	1.73800
443710.26	3747771.37	0.076	0.917	0.459	0.066	0.056	0.047	0.022	1.64221
443737.76	3747790.04	0.084	1.018	0.509	0.072	0.061	0.052	0.024	1.82055
443746.61	3747808.7	0.088	1.062	0.531	0.075	0.063	0.054	0.025	1.89846
443762.32	3747821.47	0.094	1.138	0.569	0.080	0.068	0.058	0.027	2.03402
443787.87	3747845.05	0.104	1.259	0.629	0.088	0.074	0.064	0.030	2.24901
443800.64	3747866.66	0.106	1.286	0.643	0.090	0.076	0.065	0.031	2.29668
443806.53	3747929.53	0.089	1.072	0.536	0.075	0.064	0.055	0.026	1.91548
443520.64	3747701.59	0.047	0.562	0.281	0.040	0.034	0.029	0.013	1.00546
443551.64	3747661.73	0.048	0.579	0.290	0.041	0.035	0.030	0.014	1.03679
443591.49	3747635.16	0.050	0.609	0.305	0.044	0.037	0.032	0.015	1.09111
443836.47	3747717.7	0.171	2.067	1.033	0.145	0.122	0.105	0.049	3.69268
443840.73	3747688.6	0.171	2.071	1.034	0.143	0.121	0.104	0.049	3.69260
443841.44	3747663.76	0.161	1.943	0.970	0.134	0.113	0.097	0.046	3.46275
443804.53	3747670.15	0.131	1.586	0.793	0.111	0.094	0.081	0.038	2.83419
443787.49	3747657.37	0.108	1.307	0.654	0.093	0.079	0.068	0.031	2.34098
443777.55	3747633.95	0.098	1.179	0.590	0.084	0.071	0.061	0.028	2.11018
443744.9	3747619.04	0.082	0.993	0.497	0.073	0.061	0.052	0.024	1.78300
443761.94	3747606.26	0.089	1.073	0.536	0.075	0.064	0.055	0.026	1.91667
443844.28	3747623.3	0.147	1.770	0.883	0.121	0.102	0.088	0.042	3.15178
443847.12	3747599.87	0.146	1.763	0.879	0.120	0.101	0.087	0.042	3.13821
443852.79	3747578.58	0.150	1.807	0.901	0.122	0.103	0.089	0.043	3.21410
443849.96	3747558	0.143	1.727	0.861	0.117	0.098	0.085	0.041	3.07215
443849.96	3747537.41	0.141	1.705	0.850	0.115	0.097	0.084	0.040	3.03258
443854.92	3747518.25	0.144	1.739	0.867	0.117	0.099	0.085	0.041	3.09150
443847.12	3747495.53	0.131	1.585	0.790	0.107	0.090	0.078	0.037	2.81898
443853.5	3747478.5	0.135	1.630	0.812	0.110	0.092	0.080	0.038	2.89805
443850.67	3747457.2	0.129	1.553	0.774	0.105	0.088	0.076	0.036	2.76116
443854.21	3747438.75	0.129	1.553	0.774	0.105	0.088	0.076	0.036	2.76149
443849.96	3747397.58	0.118	1.427	0.711	0.096	0.081	0.070	0.033	2.53720
443854.21	3747418.16	0.125	1.508	0.751	0.102	0.085	0.074	0.035	2.68001
443853.5	3747378.41	0.119	1.436	0.716	0.097	0.081	0.070	0.034	2.55336
443843.57	3747336.54	0.105	1.271	0.633	0.086	0.072	0.062	0.030	2.25924
443836.47	3747315.24	0.097	1.175	0.586	0.079	0.067	0.058	0.028	2.08859
443829.37	3747296.08	0.090	1.085	0.541	0.073	0.061	0.053	0.025	1.92831
443827.95	3747274.07	0.085	1.033	0.515	0.069	0.058	0.051	0.024	1.83544
443816.59	3747254.2	0.076	0.920	0.459	0.062	0.052	0.045	0.022	1.63527
443805.95	3747236.45	0.068	0.827	0.412	0.056	0.047	0.040	0.019	1.47032

443803.11	3747219.42	0.064	0.777	0.387	0.052	0.044	0.038	0.018	1.38117
443838.6	3747186.06	0.070	0.843	0.420	0.057	0.048	0.041	0.020	1.49813
443838.6	3747171.15	0.065	0.786	0.392	0.053	0.044	0.038	0.018	1.39632
443970.69	3747984.97	0.112	1.358	0.677	0.093	0.078	0.067	0.032	2.41846
443980.63	3747995.62	0.105	1.274	0.635	0.087	0.073	0.063	0.030	2.26878
443994.83	3748014.08	0.098	1.188	0.593	0.081	0.069	0.059	0.028	2.11556
444006.19	3748026.85	0.095	1.143	0.570	0.078	0.066	0.057	0.027	2.03543
444016.83	3748040.34	0.092	1.115	0.556	0.076	0.064	0.055	0.026	1.98615
444040.26	3748051.7	0.090	1.088	0.543	0.075	0.063	0.054	0.026	1.93872
444048.78	3748065.89	0.089	1.075	0.537	0.074	0.062	0.053	0.025	1.91570
444060.13	3748085.77	0.090	1.083	0.540	0.074	0.063	0.054	0.026	1.92862
444079.3	3748100.68	0.090	1.091	0.544	0.075	0.063	0.054	0.026	1.94384
444088.53	3748117	0.093	1.128	0.563	0.077	0.065	0.056	0.027	2.00834
444101.3	3748132.62	0.096	1.158	0.578	0.079	0.067	0.058	0.027	2.06229
444114.79	3748147.53	0.097	1.175	0.586	0.080	0.068	0.058	0.028	2.09271
444129.7	3748161.72	0.098	1.181	0.589	0.081	0.068	0.059	0.028	2.10381
444141.76	3748177.34	0.098	1.189	0.593	0.081	0.068	0.059	0.028	2.11704
444158.09	3748180.89	0.094	1.135	0.566	0.078	0.065	0.056	0.027	2.02118
444169.45	3748204.31	0.095	1.142	0.570	0.078	0.066	0.057	0.027	2.03453
444190.03	3748217.09	0.090	1.084	0.541	0.074	0.062	0.054	0.026	1.93031
444192.83	3748193.06	0.084	1.015	0.506	0.069	0.058	0.050	0.024	1.80715
444195.33	3748122.7	0.075	0.912	0.455	0.062	0.052	0.045	0.022	1.62287
444008.68	3747956.49	0.138	1.664	0.830	0.113	0.095	0.082	0.039	2.96110
444019.33	3747969.98	0.120	1.451	0.724	0.099	0.083	0.072	0.034	2.58279
444042.75	3747981.34	0.108	1.306	0.651	0.089	0.075	0.065	0.031	2.32472
444051.27	3747995.53	0.101	1.216	0.607	0.083	0.070	0.060	0.029	2.16566
444062.63	3748015.41	0.094	1.134	0.566	0.077	0.065	0.056	0.027	2.01865
444081.79	3748030.32	0.090	1.086	0.542	0.074	0.062	0.054	0.026	1.93324
444091.02	3748046.64	0.087	1.057	0.527	0.072	0.061	0.052	0.025	1.88159
444103.8	3748062.26	0.087	1.047	0.522	0.071	0.060	0.052	0.025	1.86412
444117.29	3748077.17	0.085	1.032	0.515	0.070	0.059	0.051	0.024	1.83781
444132.19	3748091.36	0.085	1.022	0.510	0.070	0.059	0.051	0.024	1.81893
444144.26	3748106.98	0.084	1.017	0.508	0.069	0.059	0.050	0.024	1.81161
444160.59	3748110.53	0.082	0.993	0.495	0.068	0.057	0.049	0.023	1.76834
444171.94	3748133.95	0.082	0.989	0.494	0.068	0.057	0.049	0.023	1.76164
444192.53	3748146.73	0.078	0.939	0.468	0.064	0.054	0.047	0.022	1.67121
444143.39	3748498.91	0.176	2.128	1.062	0.147	0.124	0.106	0.050	3.79316
444154.04	3748512.39	0.165	1.997	0.997	0.138	0.116	0.100	0.047	3.56082
444177.46	3748523.75	0.149	1.805	0.902	0.126	0.107	0.092	0.043	3.22378
444185.98	3748537.95	0.143	1.727	0.863	0.121	0.102	0.087	0.041	3.08440
444197.34	3748557.82	0.134	1.621	0.810	0.113	0.096	0.082	0.039	2.89373
444216.5	3748572.73	0.124	1.497	0.748	0.106	0.089	0.076	0.036	2.67601
444225.73	3748589.05	0.118	1.430	0.715	0.101	0.085	0.073	0.034	2.55571
444238.51	3748604.67	0.112	1.354	0.677	0.096	0.081	0.069	0.032	2.42161
444251.99	3748619.58	0.106	1.283	0.642	0.091	0.077	0.066	0.031	2.29564
444266.9	3748633.77	0.100	1.214	0.607	0.087	0.074	0.063	0.029	2.17415
444278.97	3748649.39	0.096	1.156	0.579	0.083	0.070	0.060	0.028	2.07209
444295.29	3748652.94	0.092	1.108	0.556	0.083	0.070	0.060	0.027	1.99644
444306.65	3748676.37	0.087	1.050	0.527	0.079	0.067	0.057	0.026	1.89273
444237.65	3748593.44	0.114	1.375	0.688	0.098	0.083	0.071	0.033	2.46179
444061.66	3748440.72	0.312	3.768	1.879	0.255	0.215	0.186	0.089	6.70267
444085.08	3748452.08	0.256	3.088	1.540	0.210	0.177	0.153	0.073	5.49616

444093.6	3748466.28	0.238	2.876	1.434	0.196	0.165	0.142	0.068	5.11874
444104.96	3748486.15	0.216	2.606	1.300	0.177	0.149	0.129	0.061	4.63903
444124.12	3748501.06	0.193	2.327	1.161	0.159	0.134	0.115	0.055	4.14380
444133.35	3748517.39	0.181	2.182	1.089	0.149	0.126	0.108	0.052	3.88589
444146.13	3748533	0.167	2.014	1.005	0.138	0.116	0.100	0.048	3.58682
444159.61	3748547.91	0.155	1.871	0.933	0.128	0.108	0.093	0.044	3.33274
444174.52	3748562.11	0.144	1.742	0.869	0.120	0.101	0.087	0.041	3.10417
444186.59	3748577.72	0.135	1.634	0.816	0.113	0.095	0.082	0.039	2.91306
444202.91	3748581.27	0.128	1.546	0.772	0.107	0.090	0.078	0.037	2.75747
444214.27	3748604.7	0.120	1.453	0.725	0.101	0.085	0.073	0.035	2.59111
444234.86	3748617.47	0.112	1.347	0.673	0.094	0.079	0.068	0.032	2.40572
443957.64	3748095.6	0.108	1.310	0.654	0.091	0.077	0.066	0.031	2.33808
CONCUNIT ug	/m^3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00000
DEPUNIT g/m	^2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00000
0	0	0.000	0.000	0.000	0.000	0.000	#REF!	#REF!	#REF!

Trails of Corona

No Mitigation

Cancer Risk Impacts from Construction at the Maximum Impacted Sensitive Receptor - Child
UTM: (565046,4185977)

Cancer Potency Factor:	1.1	$(mg/kg\text{-}day)^{-1}$
Exposure Frequency	350	days/year
Averaging Period	25550	days

Year	DPM Concentration (ug/m3)	Age Sensitivty Factor	Daily Breathing Rate (L/kg-day)	Time At Home Factor	Exposure Duration (years)	Unit Risk Factor $(ug/m3)^{-1}$
2019-2024	1	3	572	1	1	25.9

Air Toxics NSR Program Health Risk Assessment (HRA) Guidelines

Trails of Corona

No Mitigation **at Sensitive Receptors**

Estimated Cancer Risks from Construction DPM

		Child Cancer
X	**Y**	**2019-2024**
(m)	**(m)**	**(/million)**
443543.62	3748016.2	0.324
443581.38	3748016.2	0.338
443619.14	3748016.2	0.357
443656.9	3748016.2	0.381
443694.66	3748016.2	0.411
443732.42	3748016.2	0.441
443543.62	3748046.66	0.339
443581.38	3748046.66	0.355
443619.14	3748046.66	0.375
443656.9	3748046.66	0.401
443694.66	3748046.66	0.435
443732.42	3748046.66	0.458
443543.62	3748077.12	0.362
443581.38	3748077.12	0.380
443619.14	3748077.12	0.403
443656.9	3748077.12	0.426
443694.66	3748077.12	0.461
443732.42	3748077.12	0.486
443543.62	3748107.58	0.392
443581.38	3748107.58	0.411
443619.14	3748107.58	0.430
443656.9	3748107.58	0.456
443694.66	3748107.58	0.498
443732.42	3748107.58	0.529
443543.62	3748138.04	0.425
443581.38	3748138.04	0.443

Maximum Caner Risk

4

SCAQMD threshold of significance

10

Exceed thresholds?

No

443619.14	3748138.04	0.465
443656.9	3748138.04	0.499
443694.66	3748138.04	0.550
443732.42	3748138.04	0.594
443543.62	3748168.5	0.463
443581.38	3748168.5	0.486
443619.14	3748168.5	0.514
443656.9	3748168.5	0.560
443694.66	3748168.5	0.625
443732.42	3748168.5	0.686
444172.99	3747085.77	0.269
444272.99	3747085.77	0.232
444372.99	3747085.77	0.199
444472.99	3747085.77	0.173
444572.99	3747085.77	0.151
444672.99	3747085.77	0.135
444772.99	3747085.77	0.122
444872.99	3747085.77	0.111
444972.99	3747085.77	0.102
445072.99	3747085.77	0.094
445172.99	3747085.77	0.088
445272.99	3747085.77	0.083
445372.99	3747085.77	0.078
445472.99	3747085.77	0.073
445572.99	3747085.77	0.069
444172.99	3747185.77	0.431
444272.99	3747185.77	0.330
444372.99	3747185.77	0.263
444472.99	3747185.77	0.215
444572.99	3747185.77	0.182
444672.99	3747185.77	0.159
444772.99	3747185.77	0.140
444872.99	3747185.77	0.125
444972.99	3747185.77	0.114

445072.99	3747185.77	0.104
445172.99	3747185.77	0.096
445272.99	3747185.77	0.089
445372.99	3747185.77	0.083
445472.99	3747185.77	0.077
445572.99	3747185.77	0.072
444172.99	3747285.77	0.703
444272.99	3747285.77	0.476
444372.99	3747285.77	0.350
444472.99	3747285.77	0.273
444572.99	3747285.77	0.223
444672.99	3747285.77	0.187
444772.99	3747285.77	0.161
444872.99	3747285.77	0.141
444972.99	3747285.77	0.126
445072.99	3747285.77	0.113
445172.99	3747285.77	0.103
445272.99	3747285.77	0.095
445372.99	3747285.77	0.088
445472.99	3747285.77	0.082
445572.99	3747285.77	0.076
444172.99	3747385.77	1.043
444272.99	3747385.77	0.653
444372.99	3747385.77	0.457
444472.99	3747385.77	0.344
444572.99	3747385.77	0.274
444672.99	3747385.77	0.218
444772.99	3747385.77	0.182
444872.99	3747385.77	0.157
444972.99	3747385.77	0.137
445072.99	3747385.77	0.122
445172.99	3747385.77	0.110
445272.99	3747385.77	0.101
445372.99	3747385.77	0.093

445472.99	3747385.77	0.086
445572.99	3747385.77	0.081
444172.99	3747485.77	1.387
444272.99	3747485.77	0.817
444372.99	3747485.77	0.561
444472.99	3747485.77	0.408
444572.99	3747485.77	0.307
444672.99	3747485.77	0.242
444772.99	3747485.77	0.201
444872.99	3747485.77	0.170
444972.99	3747485.77	0.148
445072.99	3747485.77	0.130
445172.99	3747485.77	0.117
445272.99	3747485.77	0.107
445372.99	3747485.77	0.098
445472.99	3747485.77	0.091
445572.99	3747485.77	0.085
444172.99	3747585.77	1.661
444272.99	3747585.77	0.923
444372.99	3747585.77	0.620
444472.99	3747585.77	0.441
444572.99	3747585.77	0.327
444672.99	3747585.77	0.260
444772.99	3747585.77	0.214
444872.99	3747585.77	0.181
444972.99	3747585.77	0.156
445072.99	3747585.77	0.138
445172.99	3747585.77	0.123
445272.99	3747585.77	0.112
445372.99	3747585.77	0.104
445472.99	3747585.77	0.096
445572.99	3747585.77	0.091
444172.99	3747685.77	1.452
444272.99	3747685.77	0.882

444372.99	3747685.77	0.601
444472.99	3747685.77	0.431
444572.99	3747685.77	0.327
444672.99	3747685.77	0.263
444772.99	3747685.77	0.218
444872.99	3747685.77	0.186
444972.99	3747685.77	0.162
445072.99	3747685.77	0.144
445172.99	3747685.77	0.130
445272.99	3747685.77	0.118
445372.99	3747685.77	0.109
445472.99	3747685.77	0.101
445572.99	3747685.77	0.095
444172.99	3747785.77	1.068
444272.99	3747785.77	0.714
444372.99	3747785.77	0.527
444472.99	3747785.77	0.391
444572.99	3747785.77	0.309
444672.99	3747785.77	0.254
444772.99	3747785.77	0.217
444872.99	3747785.77	0.188
444972.99	3747785.77	0.165
445072.99	3747785.77	0.147
445172.99	3747785.77	0.134
445272.99	3747785.77	0.123
445372.99	3747785.77	0.113
445472.99	3747785.77	0.105
445572.99	3747785.77	0.098
444172.99	3747885.77	0.746
444272.99	3747885.77	0.544
444372.99	3747885.77	0.426
444472.99	3747885.77	0.339
444572.99	3747885.77	0.278
444672.99	3747885.77	0.239

444772.99	3747885.77	0.209
444872.99	3747885.77	0.185
444972.99	3747885.77	0.165
445072.99	3747885.77	0.149
445172.99	3747885.77	0.137
445272.99	3747885.77	0.126
445372.99	3747885.77	0.116
445472.99	3747885.77	0.108
445572.99	3747885.77	0.100
444172.99	3747985.77	0.513
444272.99	3747985.77	0.409
444372.99	3747985.77	0.335
444472.99	3747985.77	0.286
444572.99	3747985.77	0.251
444672.99	3747985.77	0.223
444772.99	3747985.77	0.200
444872.99	3747985.77	0.181
444972.99	3747985.77	0.164
445072.99	3747985.77	0.150
445172.99	3747985.77	0.138
445272.99	3747985.77	0.127
445372.99	3747985.77	0.118
445472.99	3747985.77	0.109
445572.99	3747985.77	0.101
444172.99	3748085.77	0.414
444272.99	3748085.77	0.340
444372.99	3748085.77	0.293
444472.99	3748085.77	0.260
444572.99	3748085.77	0.234
444672.99	3748085.77	0.212
444772.99	3748085.77	0.194
444872.99	3748085.77	0.178
444972.99	3748085.77	0.163
445072.99	3748085.77	0.149

445172.99	3748085.77	0.137
445272.99	3748085.77	0.126
445372.99	3748085.77	0.117
445472.99	3748085.77	0.108
445572.99	3748085.77	0.101
444172.99	3748185.77	0.469
444272.99	3748185.77	0.359
444372.99	3748185.77	0.299
444472.99	3748185.77	0.261
444572.99	3748185.77	0.233
444672.99	3748185.77	0.211
444772.99	3748185.77	0.191
444872.99	3748185.77	0.176
444972.99	3748185.77	0.160
445072.99	3748185.77	0.147
445172.99	3748185.77	0.135
445272.99	3748185.77	0.125
445372.99	3748185.77	0.116
445472.99	3748185.77	0.108
445572.99	3748185.77	0.100
444172.99	3748285.77	0.620
444272.99	3748285.77	0.439
444372.99	3748285.77	0.345
444472.99	3748285.77	0.286
444572.99	3748285.77	0.246
444672.99	3748285.77	0.217
444772.99	3748285.77	0.194
444872.99	3748285.77	0.174
444972.99	3748285.77	0.158
445072.99	3748285.77	0.145
445172.99	3748285.77	0.133
445272.99	3748285.77	0.123
445372.99	3748285.77	0.115
445472.99	3748285.77	0.107

445572.99	3748285.77	0.100
444172.99	3748385.77	0.831
444272.99	3748385.77	0.540
444372.99	3748385.77	0.400
444472.99	3748385.77	0.317
444572.99	3748385.77	0.262
444672.99	3748385.77	0.224
444772.99	3748385.77	0.197
444872.99	3748385.77	0.175
444972.99	3748385.77	0.157
445072.99	3748385.77	0.144
445172.99	3748385.77	0.132
445272.99	3748385.77	0.122
445372.99	3748385.77	0.113
445472.99	3748385.77	0.106
445572.99	3748385.77	0.099
444172.99	3748485.77	0.854
444272.99	3748485.77	0.582
444372.99	3748485.77	0.431
444472.99	3748485.77	0.337
444572.99	3748485.77	0.275
444672.99	3748485.77	0.231
444772.99	3748485.77	0.199
444872.99	3748485.77	0.176
444972.99	3748485.77	0.158
445072.99	3748485.77	0.142
445172.99	3748485.77	0.131
445272.99	3748485.77	0.120
445372.99	3748485.77	0.112
445472.99	3748485.77	0.105
445572.99	3748485.77	0.098
443047.86	3748855.7	1.918
443030.11	3748868.74	1.851
443016.91	3748884.58	2.011

442999.31	3748898.66	1.927
442983.47	3748918.02	2.013
442962.35	3748934.74	1.847
442947.39	3748948.82	1.760
442935.07	3748963.78	1.755
442916.59	3748985.78	1.775
442898.98	3749001.62	1.617
442881.38	3749017.46	1.418
442868.18	3749033.31	1.298
442854.1	3749046.51	1.097
442832.98	3749062.35	0.790
442816.26	3749081.71	0.597
442801.3	3749094.91	0.472
442780.18	3749111.63	0.359
442764.34	3749127.47	0.299
442750.26	3749130.11	0.271
442722.1	3749138.03	0.226
442705.38	3749146.83	0.205
442678.1	3749144.19	0.185
442659.62	3749147.71	0.172
442638.49	3749145.07	0.161
442662.26	3749101.07	0.190
442694.82	3749095.79	0.220
442709.78	3749094.03	0.238
442730.02	3749086.99	0.269
442752.02	3749068.51	0.320
442796.9	3749035.95	0.466
442817.14	3749007.78	0.529
442845.3	3748987.54	0.655
442865.54	3748973.46	0.758
442840.9	3748956.74	0.553
442888.42	3748944.42	0.792
442871.7	3748932.1	0.634
442872.58	3748910.98	0.578

442880.5	3748896.9	0.575
442906.02	3748895.14	0.688
442925.39	3748905.7	0.854
442928.03	3748871.38	0.699
442942.99	3748881.94	0.843
442959.71	3748871.38	0.897
442923.63	3748842.34	0.575
442937.71	3748821.22	0.554
442971.15	3748822.98	0.685
442986.11	3748841.46	0.876
442985.23	3748812.42	0.693
443001.95	3748822.1	0.826
443063.55	3748836.18	1.696
443064.43	3748815.06	1.267
443051.23	3748791.3	0.912
443003.71	3748799.22	0.700
442974.67	3748795.7	0.585
443038.91	3748779.86	0.765
443027.47	3748759.61	0.622
443023.95	3748743.77	0.562
443008.99	3748724.41	0.483
443008.99	3748702.41	0.446
443097.87	3748795.7	1.321
443090.83	3748778.98	1.029
443071.47	3748764.01	0.821
443064.43	3748742.01	0.687
443051.23	3748723.53	0.594
443042.43	3748707.69	0.531
443042.43	3748691.85	0.499
443141.87	3748742.01	0.847
443121.63	3748726.17	0.731
443107.55	3748705.05	0.633
443088.19	3748676.01	0.538
443145.39	3748708.57	0.699

443176.19	3748679.53	0.667
443103.15	3748670.73	0.547
443230.76	3748790.42	1.215
443242.2	3748767.54	1.056
443255.4	3748742.89	0.978
443265.08	3748712.97	0.926
443278.28	3748687.45	0.946
443297.64	3748659.29	1.056
443306.44	3748793.94	1.620
443339.88	3748786.02	2.002
443371.56	3748768.42	2.324
443392.68	3748756.97	2.587
443418.2	3748739.37	2.789
443444.6	3748724.41	3.026
443471.89	3748711.21	3.220
443496.53	3748694.49	3.196
443525.57	3748681.29	3.406
443548.45	3748668.09	3.277
443583.65	3748651.37	3.656
443383	3748960.26	1.226
443380.36	3748936.5	1.488
443370.68	3748910.1	2.203
443386.52	3748896.02	2.948
443423.48	3748874.9	3.320
443448.13	3748859.94	3.302
443465.73	3748849.38	3.242
443497.41	3748829.14	3.173
443513.25	3748820.34	3.110
443539.65	3748809.78	3.025
443559.89	3748803.62	2.957
443581.89	3748796.58	2.941
443602.13	3748793.06	2.825
443624.13	3748791.3	2.662
443642.61	3748786.9	2.721

443661.09	3748783.38	2.711
443683.97	3748786.02	2.376
443535.25	3748597.69	3.702
443511.49	3748617.05	3.454
443491.25	3748637.29	3.225
443468.37	3748647.85	3.425
443441.08	3748674.25	2.725
443414.68	3748689.21	2.424
443389.16	3748705.93	1.939
443307.32	3748632.01	1.116
443322.28	3748600.33	1.164
443336.36	3748572.17	1.186
443355.72	3748617.05	1.951
443377.72	3748583.61	2.234
443387.4	3748555.45	2.051
443399.72	3748531.69	2.237
443409.4	3748510.57	2.502
443339.88	3748550.17	1.126
443358.36	3748517.61	1.155
443360.12	3748489.44	1.097
443372.44	3748464.8	1.157
443394.44	3748441.04	1.168
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443522.05	3748422.56	2.414
443541.41	3748404.08	1.998
443557.25	3748392.64	1.823
443580.13	3748376.8	1.776
443602.13	3748365.36	1.800
443623.25	3748346	1.717
443653.17	3748335.44	1.978
443671.65	3748321.36	1.941
443508.85	3748368.88	1.178
443479.81	3748380.32	1.173
443526.45	3748355.68	1.129

443548.45	3748339.84	1.093
443571.33	3748324	1.089
443590.69	3748310.8	1.074
443612.69	3748296.72	1.046
443636.45	3748282.64	1.047
443654.93	3748265.92	0.991
443672.53	3748246.56	0.922
443689.25	3748231.6	0.875
443706.85	3748215.75	0.835
443691.02	3748297.6	1.654
443707.74	3748282.64	1.490
443725.34	3748266.8	1.341
443741.18	3748257.12	1.312
443759.66	3748243.03	1.315
443773.74	3748221.03	1.139
443794.86	3748203.43	1.098
443813.34	3748185.83	1.048
443824.78	3748163.83	0.905
443842.38	3748150.63	0.876
443794.86	3748123.35	0.622
443808.06	3748106.63	0.603
443773.74	3748145.35	0.661
443762.3	3748169.11	0.738
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443724.46	3748197.27	0.787
443669.01	3748506.17	4.166
443691.02	3748531.69	3.848
443709.5	3748544.89	3.730
443731.5	3748574.81	4.460
443760.54	3748588.01	4.494
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443826.54	3748515.85	2.701
443852.94	3748491.21	2.663

443863.5	3748470.09	2.533
443881.98	3748439.28	2.402
443881.1	3748410.24	2.210
443899.59	3748423.44	2.435
443891.66	3748384.72	2.152
443911.07	3748370.97	2.148
443929.51	3748345.54	2.154
443939.05	3748329.01	2.123
443954.95	3748309.93	2.060
443975.29	3748291.49	1.887
443932.69	3748260.34	2.639
443907.9	3748288.95	2.795
443892	3748306.75	2.720
443878.65	3748325.19	2.590
443864.66	3748341.09	2.535
443848.13	3748357.62	2.588
443829.69	3748376.69	2.590
443795.99	3748384.96	3.019
443774.37	3748402.76	3.081
443747.03	3748423.75	3.313
443723.5	3748442.19	3.415
443705.7	3748458.72	3.376
443678.36	3748482.88	3.906
443730.5	3748499.41	2.789
443747.03	3748481.61	2.601
443773.1	3748465.71	2.481
443753.39	3748477.79	2.567
443778.19	3748500.05	2.468
443792.17	3748480.97	2.391
443816.97	3748455.54	2.293
443801.08	3748442.82	2.388
443815.7	3748424.38	2.366
443834.14	3748437.73	2.252
443855.06	3748084.13	0.607

443836.57	3748062.13	0.553
443812.81	3748041	0.519
443769.68	3747996.11	0.466
443828.65	3748013.72	0.482
443816.33	3747989.95	0.460
443813.69	3747954.75	0.459
443764.4	3747961.79	0.432
443730.07	3747945.06	0.422
443706.31	3747923.06	0.417
443688.7	3747902.81	0.403
443664.94	3747880.81	0.388
443646.45	3747852.64	0.364
443619.17	3747824.48	0.347
443604.2	3747805.99	0.340
443618.29	3747776.95	0.330
443639.41	3747752.3	0.337
443670.22	3747725.02	0.355
443702.78	3747688.05	0.392
443684.3	3747671.33	0.375
443719.51	3747704.77	0.416
443730.07	3747724.14	0.434
443752.96	3747739.98	0.486
443766.16	3747760.22	0.527
443789.04	3747782.23	0.602
443802.25	3747798.07	0.657
443819.85	3747817.44	0.761
443838.33	3747832.4	0.897
443855.06	3747848.24	1.013
443868.26	3747867.61	1.004
443885.86	3747890.49	0.939
443905.23	3747909.86	0.892
443919.31	3747930.1	0.808
443942.2	3747945.94	0.860
443955.4	3747961.79	0.726

443984.44	3747930.1	1.209
443991.49	3747911.62	1.790
443994.13	3747889.61	2.758
444004.69	3747868.49	2.604
444006.45	3747849.12	2.834
444014.37	3747831.52	2.800
444017.01	3747807.75	3.053
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444036.38	3747768.15	2.978
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444058.38	3747728.54	2.909
444071.58	3747710.05	2.802
444086.55	3747695.97	2.585
444102.39	3747681.89	2.368
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444132.32	3747655.48	2.046
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443727.52	3747635.24	0.441
443741.61	3747647.56	0.466
443754.81	3747668.68	0.501
443769.77	3747684.53	0.532
443780.34	3747695.09	0.572
443797.06	3747714.46	0.648
443809.38	3747727.66	0.719
443823.47	3747745.26	0.832
443846.35	3747775.19	1.064
443860.44	3747786.63	1.262
443868.36	3747769.91	1.338
443879.8	3747749.66	1.446
443887.72	3747723.26	1.446
443892.12	3747702.13	1.404
443895.64	3747682.77	1.332
443893	3747660.76	1.229
443893.88	3747640.52	1.214

443897.41	3747621.15	1.242
443900.05	3747604.43	1.263
443899.17	3747585.94	1.228
443901.81	3747563.94	1.247
443901.81	3747546.33	1.231
443904.45	3747526.97	1.257
443903.57	3747507.6	1.220
443901.81	3747487.36	1.163
443905.33	3747466.23	1.182
443904.45	3747445.99	1.099
443903.57	3747429.26	1.050
443904.45	3747407.26	1.033
443903.57	3747388.77	1.002
443900.93	3747365.01	0.956
443894.76	3747341.24	0.880
443891.24	3747320.99	0.838
443886.84	3747302.51	0.789
443883.32	3747278.74	0.746
443882.44	3747257.62	0.727
443875.4	3747240.89	0.646
443862.2	3747223.29	0.525
443848.99	3747203.92	0.427
443875.4	3747192.48	0.512
443893.88	3747174	0.526
443900.93	3747150.23	0.439
443879.8	3747124.7	0.326
443859.56	3747118.54	0.289
443821.71	3747120.3	0.254
444137.71	3747581.54	2.230
444132.43	3747563.06	2.287
444122.74	3747541.93	2.425
444115.7	3747514.64	2.405
444104.26	3747490.88	2.532
444093.7	3747447.75	2.475

444089.29	3747432.78	2.454
444084.01	3747410.78	2.344
444079.61	3747394.05	2.241
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444065.53	3747356.2	2.081
444057.61	3747328.92	1.902
444048.8	3747309.55	1.843
444041.76	3747289.31	1.730
444039.12	3747269.94	1.552
444032.08	3747252.34	1.484
444026.8	3747232.09	1.349
444024.16	3747211.85	1.152
444012.71	3747194.24	1.073
444009.19	3747178.4	0.879
444000.39	3747159.03	0.674
443990.71	3747139.67	0.523
443987.19	3747122.06	0.432
443544.98	3747753.94	0.278
443566.91	3747739.32	0.296
443582.75	3747705.21	0.292
443608.33	3747662.57	0.296
443585.18	3747683.28	0.283
443664.38	3747610.18	0.335
444061.69	3748396.73	1.834
443702.16	3748778.14	2.545
443720.87	3748761.68	3.063
443735.08	3748748.96	3.494
443761.27	3748751.2	2.837
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443799.43	3748733.25	3.062
443816.64	3748742.22	2.430
443859.29	3748707.06	2.528
443854.8	3748660.67	3.659
443872.01	3748652.43	3.214

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443889.22	3748615.02	3.263
443912.42	3748586.59	2.996
443949.73	3748543.05	2.660
443955.98	3748523.52	2.844
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443993.02	3748508.17	2.232
443984.29	3748521.95	2.213
443976.48	3748538.5	2.171
443964.53	3748550.91	2.248
443950.29	3748565.15	2.353
443942.47	3748583.07	2.310
444015.08	3748474.62	2.186
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444049.55	3748429.58	1.889
444052.31	3748411.2	1.969
443186.88	3748634.7	0.607
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443250.87	3748525.56	0.645
443267.8	3748491.68	0.622
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443299.79	3748384.42	0.517
443301.68	3748352.43	0.481
443305.44	3748320.44	0.449
443117.28	3748611.37	0.481
443090.7	3748626.39	0.466
443162.35	3748585.94	0.517
443179.69	3748558.2	0.515

443190.09	3748530.47	0.497
443205.11	3748494.64	0.486
443229.38	3748456.5	0.472
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443252.5	3748389.47	0.439
443186.62	3748471.53	0.439
443141.55	3748525.84	0.428
443138.08	3748498.11	0.398
443150.79	3748472.68	0.394
443169.29	3748447.26	0.392
443183.15	3748419.52	0.384
443202.8	3748396.41	0.387
443224.76	3748373.29	0.392
443238.63	3748345.56	0.384
443112.66	3748590.56	0.453
443080.3	3748597.5	0.422
443072.21	3748572.07	0.391
443103.41	3748554.74	0.414
443093.01	3748532.78	0.387
444066.11	3748315.51	1.339
444098.47	3748350.18	1.231
444078.82	3748294.7	1.070
444089.22	3748273.9	0.916
444096.16	3748253.1	0.815
444111.18	3748321.29	0.974
444131.98	3748302.79	0.802
444135.45	3748284.3	0.735
443313.52	3748260.81	0.392
443230.72	3748275.87	0.326
443260.83	3748238.23	0.325
443274	3748215.65	0.319
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443198.73	3748330.44	0.332
443155.44	3748373.72	0.326

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443093.34	3748477.23	0.350
443080.17	3748501.69	0.355
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443754.46	3747918.73	0.425
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443672.93	3747804.77	0.368
443726.96	3747844.07	0.430
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443737.76	3747790.04	0.450
443746.61	3747808.7	0.469
443762.32	3747821.47	0.502
443787.87	3747845.05	0.554
443800.64	3747866.66	0.565
443806.53	3747929.53	0.473
443520.64	3747701.59	0.249
443551.64	3747661.73	0.256
443591.49	3747635.16	0.271
443836.47	3747717.7	0.909
443840.73	3747688.6	0.905
443841.44	3747663.76	0.848
443804.53	3747670.15	0.699
443787.49	3747657.37	0.580
443777.55	3747633.95	0.522
443744.9	3747619.04	0.445
443761.94	3747606.26	0.473
443844.28	3747623.3	0.770
443847.12	3747599.87	0.765
443852.79	3747578.58	0.783
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443849.96	3747537.41	0.738

443854.92	3747518.25	0.752
443847.12	3747495.53	0.686
443853.5	3747478.5	0.705
443850.67	3747457.2	0.672
443854.21	3747438.75	0.672
443849.96	3747397.58	0.617
443854.21	3747418.16	0.652
443853.5	3747378.41	0.621
443843.57	3747336.54	0.549
443836.47	3747315.24	0.508
443829.37	3747296.08	0.469
443827.95	3747274.07	0.446
443816.59	3747254.2	0.398
443805.95	3747236.45	0.358
443803.11	3747219.42	0.336
443838.6	3747186.06	0.364
443838.6	3747171.15	0.340
443970.69	3747984.97	0.591
443980.63	3747995.62	0.555
443994.83	3748014.08	0.517
444006.19	3748026.85	0.498
444016.83	3748040.34	0.486
444040.26	3748051.7	0.474
444048.78	3748065.89	0.468
444060.13	3748085.77	0.472
444079.3	3748100.68	0.475
444088.53	3748117	0.491
444101.3	3748132.62	0.504
444114.79	3748147.53	0.512
444129.7	3748161.72	0.514
444141.76	3748177.34	0.517
444158.09	3748180.89	0.494
444169.45	3748204.31	0.497
444190.03	3748217.09	0.472

444192.83	3748193.06	0.442
444195.33	3748122.7	0.396
444008.68	3747956.49	0.723
444019.33	3747969.98	0.630
444042.75	3747981.34	0.568
444051.27	3747995.53	0.529
444062.63	3748015.41	0.493
444081.79	3748030.32	0.472
444091.02	3748046.64	0.460
444103.8	3748062.26	0.455
444117.29	3748077.17	0.449
444132.19	3748091.36	0.444
444144.26	3748106.98	0.442
444160.59	3748110.53	0.432
444171.94	3748133.95	0.430
444192.53	3748146.73	0.408
444143.39	3748498.91	0.929
444154.04	3748512.39	0.873
444177.46	3748523.75	0.794
444185.98	3748537.95	0.759
444197.34	3748557.82	0.712
444216.5	3748572.73	0.661
444225.73	3748589.05	0.631
444238.51	3748604.67	0.598
444251.99	3748619.58	0.568
444266.9	3748633.77	0.539
444278.97	3748649.39	0.515
444295.29	3748652.94	0.503
444306.65	3748676.37	0.477
444237.65	3748593.44	0.610
444061.66	3748440.72	1.633
444085.08	3748452.08	1.341
444093.6	3748466.28	1.249
444104.96	3748486.15	1.132

444124.12	3748501.06	1.012
444133.35	3748517.39	0.949
444146.13	3748533	0.877
444159.61	3748547.91	0.815
444174.52	3748562.11	0.760
444186.59	3748577.72	0.713
444202.91	3748581.27	0.677
444214.27	3748604.7	0.636
444234.86	3748617.47	0.592
443957.64	3748095.6	0.574
CONCUNIT ug	/m^3	0.000
DEPUNIT g/m	^2	0.000

Trails of Corona

No Mitigation

Cancer Risk Impacts from Construction at the Maximum Impacted Sensitive Receptor - Adult

Cancer Potency Factor:	1.1	$(mg/kg\text{-}day)^{-1}$
Exposure Frequency	350	days/year
Averaging Period	25550	days

Year	DPM Concentration (ug/m3)	Age Sensitivty Factor	Daily Breathing Rate (L/kg-day)	Time At Home Factor	Exposure Duration (years)	Unit Risk Factor $(ug/m3)^{-1}$
2019-2024	1	1	261	1	1	3.9

Air Toxics NSR Program Health Risk Assessment (HRA) Guidelines

Trails of Corona

No Mitigation **at Sensitive Receptors**

Estimated Cancer Risks from Construction DPM

		Adult Cancer
X	Y	2019-2024
(m)	(m)	(/million)
443543.62	3748016.2	0.049
443581.38	3748016.2	0.051
443619.14	3748016.2	0.054
443656.9	3748016.2	0.058
443694.66	3748016.2	0.063
443732.42	3748016.2	0.067
443543.62	3748046.66	0.052
443581.38	3748046.66	0.054
443619.14	3748046.66	0.057
443656.9	3748046.66	0.061
443694.66	3748046.66	0.066
443732.42	3748046.66	0.070
443543.62	3748077.12	0.055
443581.38	3748077.12	0.058
443619.14	3748077.12	0.061
443656.9	3748077.12	0.065
443694.66	3748077.12	0.070
443732.42	3748077.12	0.074
443543.62	3748107.58	0.060
443581.38	3748107.58	0.063
443619.14	3748107.58	0.065
443656.9	3748107.58	0.069
443694.66	3748107.58	0.076
443732.42	3748107.58	0.080
443543.62	3748138.04	0.065
443581.38	3748138.04	0.067

Maximum Caner Risk

0.7

BAAQMD threshold of significan

10

Exceed thresholds?

No

443619.14	3748138.04	0.071
443656.9	3748138.04	0.076
443694.66	3748138.04	0.084
443732.42	3748138.04	0.090
443543.62	3748168.5	0.070
443581.38	3748168.5	0.074
443619.14	3748168.5	0.078
443656.9	3748168.5	0.085
443694.66	3748168.5	0.095
443732.42	3748168.5	0.104
444172.99	3747085.77	0.041
444272.99	3747085.77	0.035
444372.99	3747085.77	0.030
444472.99	3747085.77	0.026
444572.99	3747085.77	0.023
444672.99	3747085.77	0.021
444772.99	3747085.77	0.019
444872.99	3747085.77	0.017
444972.99	3747085.77	0.016
445072.99	3747085.77	0.014
445172.99	3747085.77	0.013
445272.99	3747085.77	0.013
445372.99	3747085.77	0.012
445472.99	3747085.77	0.011
445572.99	3747085.77	0.010
444172.99	3747185.77	0.066
444272.99	3747185.77	0.050
444372.99	3747185.77	0.040
444472.99	3747185.77	0.033
444572.99	3747185.77	0.028
444672.99	3747185.77	0.024
444772.99	3747185.77	0.021
444872.99	3747185.77	0.019
444972.99	3747185.77	0.017

445072.99	3747185.77	0.016
445172.99	3747185.77	0.015
445272.99	3747185.77	0.014
445372.99	3747185.77	0.013
445472.99	3747185.77	0.012
445572.99	3747185.77	0.011
444172.99	3747285.77	0.107
444272.99	3747285.77	0.072
444372.99	3747285.77	0.053
444472.99	3747285.77	0.042
444572.99	3747285.77	0.034
444672.99	3747285.77	0.028
444772.99	3747285.77	0.024
444872.99	3747285.77	0.022
444972.99	3747285.77	0.019
445072.99	3747285.77	0.017
445172.99	3747285.77	0.016
445272.99	3747285.77	0.014
445372.99	3747285.77	0.013
445472.99	3747285.77	0.012
445572.99	3747285.77	0.012
444172.99	3747385.77	0.159
444272.99	3747385.77	0.099
444372.99	3747385.77	0.069
444472.99	3747385.77	0.052
444572.99	3747385.77	0.042
444672.99	3747385.77	0.033
444772.99	3747385.77	0.028
444872.99	3747385.77	0.024
444972.99	3747385.77	0.021
445072.99	3747385.77	0.019
445172.99	3747385.77	0.017
445272.99	3747385.77	0.015
445372.99	3747385.77	0.014

445472.99	3747385.77	0.013
445572.99	3747385.77	0.012
444172.99	3747485.77	0.211
444272.99	3747485.77	0.124
444372.99	3747485.77	0.085
444472.99	3747485.77	0.062
444572.99	3747485.77	0.047
444672.99	3747485.77	0.037
444772.99	3747485.77	0.031
444872.99	3747485.77	0.026
444972.99	3747485.77	0.022
445072.99	3747485.77	0.020
445172.99	3747485.77	0.018
445272.99	3747485.77	0.016
445372.99	3747485.77	0.015
445472.99	3747485.77	0.014
445572.99	3747485.77	0.013
444172.99	3747585.77	0.253
444272.99	3747585.77	0.140
444372.99	3747585.77	0.094
444472.99	3747585.77	0.067
444572.99	3747585.77	0.050
444672.99	3747585.77	0.039
444772.99	3747585.77	0.033
444872.99	3747585.77	0.027
444972.99	3747585.77	0.024
445072.99	3747585.77	0.021
445172.99	3747585.77	0.019
445272.99	3747585.77	0.017
445372.99	3747585.77	0.016
445472.99	3747585.77	0.015
445572.99	3747585.77	0.014
444172.99	3747685.77	0.221
444272.99	3747685.77	0.134

444372.99	3747685.77	0.091
444472.99	3747685.77	0.066
444572.99	3747685.77	0.050
444672.99	3747685.77	0.040
444772.99	3747685.77	0.033
444872.99	3747685.77	0.028
444972.99	3747685.77	0.025
445072.99	3747685.77	0.022
445172.99	3747685.77	0.020
445272.99	3747685.77	0.018
445372.99	3747685.77	0.017
445472.99	3747685.77	0.015
445572.99	3747685.77	0.014
444172.99	3747785.77	0.162
444272.99	3747785.77	0.109
444372.99	3747785.77	0.080
444472.99	3747785.77	0.060
444572.99	3747785.77	0.047
444672.99	3747785.77	0.039
444772.99	3747785.77	0.033
444872.99	3747785.77	0.029
444972.99	3747785.77	0.025
445072.99	3747785.77	0.022
445172.99	3747785.77	0.020
445272.99	3747785.77	0.019
445372.99	3747785.77	0.017
445472.99	3747785.77	0.016
445572.99	3747785.77	0.015
444172.99	3747885.77	0.113
444272.99	3747885.77	0.083
444372.99	3747885.77	0.065
444472.99	3747885.77	0.052
444572.99	3747885.77	0.042
444672.99	3747885.77	0.036

444772.99	3747885.77	0.032
444872.99	3747885.77	0.028
444972.99	3747885.77	0.025
445072.99	3747885.77	0.023
445172.99	3747885.77	0.021
445272.99	3747885.77	0.019
445372.99	3747885.77	0.018
445472.99	3747885.77	0.016
445572.99	3747885.77	0.015
444172.99	3747985.77	0.078
444272.99	3747985.77	0.062
444372.99	3747985.77	0.051
444472.99	3747985.77	0.044
444572.99	3747985.77	0.038
444672.99	3747985.77	0.034
444772.99	3747985.77	0.030
444872.99	3747985.77	0.028
444972.99	3747985.77	0.025
445072.99	3747985.77	0.023
445172.99	3747985.77	0.021
445272.99	3747985.77	0.019
445372.99	3747985.77	0.018
445472.99	3747985.77	0.017
445572.99	3747985.77	0.015
444172.99	3748085.77	0.063
444272.99	3748085.77	0.052
444372.99	3748085.77	0.045
444472.99	3748085.77	0.040
444572.99	3748085.77	0.036
444672.99	3748085.77	0.032
444772.99	3748085.77	0.029
444872.99	3748085.77	0.027
444972.99	3748085.77	0.025
445072.99	3748085.77	0.023

445172.99	3748085.77	0.021
445272.99	3748085.77	0.019
445372.99	3748085.77	0.018
445472.99	3748085.77	0.016
445572.99	3748085.77	0.015
444172.99	3748185.77	0.071
444272.99	3748185.77	0.055
444372.99	3748185.77	0.045
444472.99	3748185.77	0.040
444572.99	3748185.77	0.035
444672.99	3748185.77	0.032
444772.99	3748185.77	0.029
444872.99	3748185.77	0.027
444972.99	3748185.77	0.024
445072.99	3748185.77	0.022
445172.99	3748185.77	0.021
445272.99	3748185.77	0.019
445372.99	3748185.77	0.018
445472.99	3748185.77	0.016
445572.99	3748185.77	0.015
444172.99	3748285.77	0.094
444272.99	3748285.77	0.067
444372.99	3748285.77	0.052
444472.99	3748285.77	0.044
444572.99	3748285.77	0.037
444672.99	3748285.77	0.033
444772.99	3748285.77	0.029
444872.99	3748285.77	0.027
444972.99	3748285.77	0.024
445072.99	3748285.77	0.022
445172.99	3748285.77	0.020
445272.99	3748285.77	0.019
445372.99	3748285.77	0.017
445472.99	3748285.77	0.016

445572.99	3748285.77	0.015
444172.99	3748385.77	0.126
444272.99	3748385.77	0.082
444372.99	3748385.77	0.061
444472.99	3748385.77	0.048
444572.99	3748385.77	0.040
444672.99	3748385.77	0.034
444772.99	3748385.77	0.030
444872.99	3748385.77	0.027
444972.99	3748385.77	0.024
445072.99	3748385.77	0.022
445172.99	3748385.77	0.020
445272.99	3748385.77	0.019
445372.99	3748385.77	0.017
445472.99	3748385.77	0.016
445572.99	3748385.77	0.015
444172.99	3748485.77	0.130
444272.99	3748485.77	0.089
444372.99	3748485.77	0.066
444472.99	3748485.77	0.051
444572.99	3748485.77	0.042
444672.99	3748485.77	0.035
444772.99	3748485.77	0.030
444872.99	3748485.77	0.027
444972.99	3748485.77	0.024
445072.99	3748485.77	0.022
445172.99	3748485.77	0.020
445272.99	3748485.77	0.018
445372.99	3748485.77	0.017
445472.99	3748485.77	0.016
445572.99	3748485.77	0.015
443047.86	3748855.7	0.292
443030.11	3748868.74	0.281
443016.91	3748884.58	0.306

442999.31	3748898.66	0.293
442983.47	3748918.02	0.306
442962.35	3748934.74	0.281
442947.39	3748948.82	0.268
442935.07	3748963.78	0.267
442916.59	3748985.78	0.270
442898.98	3749001.62	0.246
442881.38	3749017.46	0.216
442868.18	3749033.31	0.197
442854.1	3749046.51	0.167
442832.98	3749062.35	0.120
442816.26	3749081.71	0.091
442801.3	3749094.91	0.072
442780.18	3749111.63	0.055
442764.34	3749127.47	0.045
442750.26	3749130.11	0.041
442722.1	3749138.03	0.034
442705.38	3749146.83	0.031
442678.1	3749144.19	0.028
442659.62	3749147.71	0.026
442638.49	3749145.07	0.024
442662.26	3749101.07	0.029
442694.82	3749095.79	0.033
442709.78	3749094.03	0.036
442730.02	3749086.99	0.041
442752.02	3749068.51	0.049
442796.9	3749035.95	0.071
442817.14	3749007.78	0.081
442845.3	3748987.54	0.100
442865.54	3748973.46	0.115
442840.9	3748956.74	0.084
442888.42	3748944.42	0.120
442871.7	3748932.1	0.096

442872.58	3748910.98	0.088
442880.5	3748896.9	0.087
442906.02	3748895.14	0.105
442925.39	3748905.7	0.130
442928.03	3748871.38	0.106
442942.99	3748881.94	0.128
442959.71	3748871.38	0.136
442923.63	3748842.34	0.087
442937.71	3748821.22	0.084
442971.15	3748822.98	0.104
442986.11	3748841.46	0.133
442985.23	3748812.42	0.105
443001.95	3748822.1	0.126
443063.55	3748836.18	0.258
443064.43	3748815.06	0.193
443051.23	3748791.3	0.139
443003.71	3748799.22	0.106
442974.67	3748795.7	0.089
443038.91	3748779.86	0.116
443027.47	3748759.61	0.095
443023.95	3748743.77	0.085
443008.99	3748724.41	0.073
443008.99	3748702.41	0.068
443097.87	3748795.7	0.201
443090.83	3748778.98	0.157
443071.47	3748764.01	0.125
443064.43	3748742.01	0.104
443051.23	3748723.53	0.090
443042.43	3748707.69	0.081
443042.43	3748691.85	0.076
443141.87	3748742.01	0.129
443121.63	3748726.17	0.111
443107.55	3748705.05	0.096
443088.19	3748676.01	0.082

443145.39	3748708.57	0.106
443176.19	3748679.53	0.102
443103.15	3748670.73	0.083
443230.76	3748790.42	0.185
443242.2	3748767.54	0.161
443255.4	3748742.89	0.149
443265.08	3748712.97	0.141
443278.28	3748687.45	0.144
443297.64	3748659.29	0.161
443306.44	3748793.94	0.246
443339.88	3748786.02	0.304
443371.56	3748768.42	0.354
443392.68	3748756.97	0.393
443418.2	3748739.37	0.424
443444.6	3748724.41	0.460
443471.89	3748711.21	0.490
443496.53	3748694.49	0.486
443525.57	3748681.29	0.518
443548.45	3748668.09	0.498
443583.65	3748651.37	0.556
443383	3748960.26	0.186
443380.36	3748936.5	0.226
443370.68	3748910.1	0.335
443386.52	3748896.02	0.448
443423.48	3748874.9	0.505
443448.13	3748859.94	0.502
443465.73	3748849.38	0.493
443497.41	3748829.14	0.483
443513.25	3748820.34	0.473
443539.65	3748809.78	0.460
443559.89	3748803.62	0.450
443581.89	3748796.58	0.447
443602.13	3748793.06	0.430
443624.13	3748791.3	0.405

443642.61	3748786.9	0.414
443661.09	3748783.38	0.412
443683.97	3748786.02	0.361
443535.25	3748597.69	0.563
443511.49	3748617.05	0.525
443491.25	3748637.29	0.490
443468.37	3748647.85	0.521
443441.08	3748674.25	0.414
443414.68	3748689.21	0.369
443389.16	3748705.93	0.295
443307.32	3748632.01	0.170
443322.28	3748600.33	0.177
443336.36	3748572.17	0.180
443355.72	3748617.05	0.297
443377.72	3748583.61	0.340
443387.4	3748555.45	0.312
443399.72	3748531.69	0.340
443409.4	3748510.57	0.381
443339.88	3748550.17	0.171
443358.36	3748517.61	0.176
443360.12	3748489.44	0.167
443372.44	3748464.8	0.176
443394.44	3748441.04	0.178
443497.41	3748439.28	0.491
443522.05	3748422.56	0.367
443541.41	3748404.08	0.304
443557.25	3748392.64	0.277
443580.13	3748376.8	0.270
443602.13	3748365.36	0.274
443623.25	3748346	0.261
443653.17	3748335.44	0.301
443671.65	3748321.36	0.295
443508.85	3748368.88	0.179
443479.81	3748380.32	0.178

443526.45	3748355.68	0.172
443548.45	3748339.84	0.166
443571.33	3748324	0.166
443590.69	3748310.8	0.163
443612.69	3748296.72	0.159
443636.45	3748282.64	0.159
443654.93	3748265.92	0.151
443672.53	3748246.56	0.140
443689.25	3748231.6	0.133
443706.85	3748215.75	0.127
443691.02	3748297.6	0.252
443707.74	3748282.64	0.227
443725.34	3748266.8	0.204
443741.18	3748257.12	0.200
443759.66	3748243.03	0.200
443773.74	3748221.03	0.173
443794.86	3748203.43	0.167
443813.34	3748185.83	0.159
443824.78	3748163.83	0.138
443842.38	3748150.63	0.133
443794.86	3748123.35	0.095
443808.06	3748106.63	0.092
443773.74	3748145.35	0.101
443762.3	3748169.11	0.112
443749.1	3748183.19	0.118
443724.46	3748197.27	0.120
443669.01	3748506.17	0.634
443691.02	3748531.69	0.585
443709.5	3748544.89	0.567
443731.5	3748574.81	0.678
443760.54	3748588.01	0.684
443782.54	3748564.25	0.512
443807.18	3748539.61	0.443
443826.54	3748515.85	0.411

443852.94	3748491.21	0.405
443863.5	3748470.09	0.385
443881.98	3748439.28	0.365
443881.1	3748410.24	0.336
443899.59	3748423.44	0.370
443891.66	3748384.72	0.327
443911.07	3748370.97	0.327
443929.51	3748345.54	0.328
443939.05	3748329.01	0.323
443954.95	3748309.93	0.313
443975.29	3748291.49	0.287
443932.69	3748260.34	0.401
443907.9	3748288.95	0.425
443892	3748306.75	0.414
443878.65	3748325.19	0.394
443864.66	3748341.09	0.386
443848.13	3748357.62	0.394
443829.69	3748376.69	0.394
443795.99	3748384.96	0.459
443774.37	3748402.76	0.469
443747.03	3748423.75	0.504
443723.5	3748442.19	0.519
443705.7	3748458.72	0.514
443678.36	3748482.88	0.594
443730.5	3748499.41	0.424
443747.03	3748481.61	0.396
443773.1	3748465.71	0.377
443753.39	3748477.79	0.390
443778.19	3748500.05	0.375
443792.17	3748480.97	0.364
443816.97	3748455.54	0.349
443801.08	3748442.82	0.363
443815.7	3748424.38	0.360
443834.14	3748437.73	0.343

443855.06	3748084.13	0.092
443836.57	3748062.13	0.084
443812.81	3748041	0.079
443769.68	3747996.11	0.071
443828.65	3748013.72	0.073
443816.33	3747989.95	0.070
443813.69	3747954.75	0.070
443764.4	3747961.79	0.066
443730.07	3747945.06	0.064
443706.31	3747923.06	0.063
443688.7	3747902.81	0.061
443664.94	3747880.81	0.059
443646.45	3747852.64	0.055
443619.17	3747824.48	0.053
443604.2	3747805.99	0.052
443618.29	3747776.95	0.050
443639.41	3747752.3	0.051
443670.22	3747725.02	0.054
443702.78	3747688.05	0.060
443684.3	3747671.33	0.057
443719.51	3747704.77	0.063
443730.07	3747724.14	0.066
443752.96	3747739.98	0.074
443766.16	3747760.22	0.080
443789.04	3747782.23	0.092
443802.25	3747798.07	0.100
443819.85	3747817.44	0.116
443838.33	3747832.4	0.136
443855.06	3747848.24	0.154
443868.26	3747867.61	0.153
443885.86	3747890.49	0.143
443905.23	3747909.86	0.136
443919.31	3747930.1	0.123
443942.2	3747945.94	0.131

443955.4	3747961.79	0.110
443984.44	3747930.1	0.184
443991.49	3747911.62	0.272
443994.13	3747889.61	0.419
444004.69	3747868.49	0.396
444006.45	3747849.12	0.431
444014.37	3747831.52	0.426
444017.01	3747807.75	0.464
444024.93	3747790.15	0.463
444036.38	3747768.15	0.453
444047.82	3747747.9	0.447
444058.38	3747728.54	0.442
444071.58	3747710.05	0.426
444086.55	3747695.97	0.393
444102.39	3747681.89	0.360
444114.71	3747666.93	0.345
444132.32	3747655.48	0.311
444112.95	3747621.16	0.412
443727.52	3747635.24	0.067
443741.61	3747647.56	0.071
443754.81	3747668.68	0.076
443769.77	3747684.53	0.081
443780.34	3747695.09	0.087
443797.06	3747714.46	0.099
443809.38	3747727.66	0.109
443823.47	3747745.26	0.126
443846.35	3747775.19	0.162
443860.44	3747786.63	0.192
443868.36	3747769.91	0.203
443879.8	3747749.66	0.220
443887.72	3747723.26	0.220
443892.12	3747702.13	0.214
443895.64	3747682.77	0.203
443893	3747660.76	0.187

443893.88	3747640.52	0.185
443897.41	3747621.15	0.189
443900.05	3747604.43	0.192
443899.17	3747585.94	0.187
443901.81	3747563.94	0.190
443901.81	3747546.33	0.187
443904.45	3747526.97	0.191
443903.57	3747507.6	0.185
443901.81	3747487.36	0.177
443905.33	3747466.23	0.180
443904.45	3747445.99	0.167
443903.57	3747429.26	0.160
443904.45	3747407.26	0.157
443903.57	3747388.77	0.152
443900.93	3747365.01	0.145
443894.76	3747341.24	0.134
443891.24	3747320.99	0.127
443886.84	3747302.51	0.120
443883.32	3747278.74	0.114
443882.44	3747257.62	0.111
443875.4	3747240.89	0.098
443862.2	3747223.29	0.080
443848.99	3747203.92	0.065
443875.4	3747192.48	0.078
443893.88	3747174	0.080
443900.93	3747150.23	0.067
443879.8	3747124.7	0.050
443859.56	3747118.54	0.044
443821.71	3747120.3	0.039
444137.71	3747581.54	0.339
444132.43	3747563.06	0.348
444122.74	3747541.93	0.369
444115.7	3747514.64	0.366
444104.26	3747490.88	0.385

444093.7	3747447.75	0.376
444089.29	3747432.78	0.373
444084.01	3747410.78	0.356
444079.61	3747394.05	0.341
444066.41	3747371.17	0.344
444065.53	3747356.2	0.317
444057.61	3747328.92	0.289
444048.8	3747309.55	0.280
444041.76	3747289.31	0.263
444039.12	3747269.94	0.236
444032.08	3747252.34	0.226
444026.8	3747232.09	0.205
444024.16	3747211.85	0.175
444012.71	3747194.24	0.163
444009.19	3747178.4	0.134
444000.39	3747159.03	0.102
443990.71	3747139.67	0.080
443987.19	3747122.06	0.066
443544.98	3747753.94	0.042
443566.91	3747739.32	0.045
443582.75	3747705.21	0.044
443608.33	3747662.57	0.045
443585.18	3747683.28	0.043
443664.38	3747610.18	0.051
444061.69	3748396.73	0.279
443702.16	3748778.14	0.387
443720.87	3748761.68	0.466
443735.08	3748748.96	0.531
443761.27	3748751.2	0.432
443781.48	3748750.46	0.393
443799.43	3748733.25	0.466
443816.64	3748742.22	0.370
443859.29	3748707.06	0.384
443854.8	3748660.67	0.556

443872.01	3748652.43	0.489
443881.74	3748635.22	0.484
443889.22	3748615.02	0.496
443912.42	3748586.59	0.456
443949.73	3748543.05	0.405
443955.98	3748523.52	0.433
443964.58	3748509.45	0.435
443975.51	3748496.56	0.426
444002.47	3748489.92	0.347
443993.02	3748508.17	0.340
443984.29	3748521.95	0.337
443976.48	3748538.5	0.330
443964.53	3748550.91	0.342
443950.29	3748565.15	0.358
443942.47	3748583.07	0.351
444015.08	3748474.62	0.332
444023.81	3748461.29	0.325
444033	3748446.13	0.315
444049.55	3748429.58	0.287
444052.31	3748411.2	0.299
443186.88	3748634.7	0.092
443201.94	3748608.36	0.093
443224.52	3748583.89	0.094
443237.69	3748551.9	0.096
443250.87	3748525.56	0.098
443267.8	3748491.68	0.095
443290.38	3748454.05	0.095
443299.79	3748416.41	0.087
443299.79	3748384.42	0.079
443301.68	3748352.43	0.073
443305.44	3748320.44	0.068
443117.28	3748611.37	0.073
443090.7	3748626.39	0.071
443162.35	3748585.94	0.079

443179.69	3748558.2	0.078
443190.09	3748530.47	0.076
443205.11	3748494.64	0.074
443229.38	3748456.5	0.072
443231.69	3748413.74	0.066
443252.5	3748389.47	0.067
443186.62	3748471.53	0.067
443141.55	3748525.84	0.065
443138.08	3748498.11	0.061
443150.79	3748472.68	0.060
443169.29	3748447.26	0.060
443183.15	3748419.52	0.058
443202.8	3748396.41	0.059
443224.76	3748373.29	0.060
443238.63	3748345.56	0.058
443112.66	3748590.56	0.069
443080.3	3748597.5	0.064
443072.21	3748572.07	0.059
443103.41	3748554.74	0.063
443093.01	3748532.78	0.059
444066.11	3748315.51	0.204
444098.47	3748350.18	0.187
444078.82	3748294.7	0.163
444089.22	3748273.9	0.139
444096.16	3748253.1	0.124
444111.18	3748321.29	0.148
444131.98	3748302.79	0.122
444135.45	3748284.3	0.112
443313.52	3748260.81	0.060
443230.72	3748275.87	0.050
443260.83	3748238.23	0.049
443274	3748215.65	0.049
443304.11	3748178.01	0.047
443198.73	3748330.44	0.050

443155.44	3748373.72	0.050
443119.69	3748411.36	0.049
443100.87	3748441.47	0.050
443093.34	3748477.23	0.053
443080.17	3748501.69	0.054
443718.12	3747857.82	0.063
443737.76	3747882.38	0.065
443765.27	3747898.1	0.068
443754.46	3747918.73	0.065
443696.5	3747826.38	0.060
443672.93	3747804.77	0.056
443726.96	3747844.07	0.065
443710.26	3747771.37	0.062
443737.76	3747790.04	0.068
443746.61	3747808.7	0.071
443762.32	3747821.47	0.076
443787.87	3747845.05	0.084
443800.64	3747866.66	0.086
443806.53	3747929.53	0.072
443520.64	3747701.59	0.038
443551.64	3747661.73	0.039
443591.49	3747635.16	0.041
443836.47	3747717.7	0.138
443840.73	3747688.6	0.138
443841.44	3747663.76	0.129
443804.53	3747670.15	0.106
443787.49	3747657.37	0.088
443777.55	3747633.95	0.079
443744.9	3747619.04	0.068
443761.94	3747606.26	0.072
443844.28	3747623.3	0.117
443847.12	3747599.87	0.116
443852.79	3747578.58	0.119
443849.96	3747558	0.114

443849.96	3747537.41	0.112
443854.92	3747518.25	0.114
443847.12	3747495.53	0.104
443853.5	3747478.5	0.107
443850.67	3747457.2	0.102
443854.21	3747438.75	0.102
443849.96	3747397.58	0.094
443854.21	3747418.16	0.099
443853.5	3747378.41	0.094
443843.57	3747336.54	0.084
443836.47	3747315.24	0.077
443829.37	3747296.08	0.071
443827.95	3747274.07	0.068
443816.59	3747254.2	0.060
443805.95	3747236.45	0.054
443803.11	3747219.42	0.051
443838.6	3747186.06	0.055
443838.6	3747171.15	0.052
443970.69	3747984.97	0.090
443980.63	3747995.62	0.084
443994.83	3748014.08	0.079
444006.19	3748026.85	0.076
444016.83	3748040.34	0.074
444040.26	3748051.7	0.072
444048.78	3748065.89	0.071
444060.13	3748085.77	0.072
444079.3	3748100.68	0.072
444088.53	3748117	0.075
444101.3	3748132.62	0.077
444114.79	3748147.53	0.078
444129.7	3748161.72	0.078
444141.76	3748177.34	0.079
444158.09	3748180.89	0.075
444169.45	3748204.31	0.076

444190.03	3748217.09	0.072
444192.83	3748193.06	0.067
444195.33	3748122.7	0.060
444008.68	3747956.49	0.110
444019.33	3747969.98	0.096
444042.75	3747981.34	0.086
444051.27	3747995.53	0.080
444062.63	3748015.41	0.075
444081.79	3748030.32	0.072
444091.02	3748046.64	0.070
444103.8	3748062.26	0.069
444117.29	3748077.17	0.068
444132.19	3748091.36	0.068
444144.26	3748106.98	0.067
444160.59	3748110.53	0.066
444171.94	3748133.95	0.065
444192.53	3748146.73	0.062
444143.39	3748498.91	0.141
444154.04	3748512.39	0.133
444177.46	3748523.75	0.121
444185.98	3748537.95	0.115
444197.34	3748557.82	0.108
444216.5	3748572.73	0.100
444225.73	3748589.05	0.096
444238.51	3748604.67	0.091
444251.99	3748619.58	0.086
444266.9	3748633.77	0.082
444278.97	3748649.39	0.078
444295.29	3748652.94	0.076
444306.65	3748676.37	0.073
444237.65	3748593.44	0.093
444061.66	3748440.72	0.248
444085.08	3748452.08	0.204
444093.6	3748466.28	0.190

444104.96	3748486.15	0.172
444124.12	3748501.06	0.154
444133.35	3748517.39	0.144
444146.13	3748533	0.133
444159.61	3748547.91	0.124
444174.52	3748562.11	0.116
444186.59	3748577.72	0.109
444202.91	3748581.27	0.103
444214.27	3748604.7	0.097
444234.86	3748617.47	0.090
443957.64	3748095.6	0.087
CONCUNIT ug	/m^3	0.000
DEPUNIT g/m	^2	0.000

Trails of Corona

No Mitigation
at Sensitive Receptors

Chronic Non-Cancer Hazard Index

Reference Exposure Level (REL) for DPM: 5 ug/m3

CNCHI = DPM/REL

X (m)	Y (m)	2019 DPM (ug/m3)	2020 DPM (ug/m3)	2021 DPM (ug/m3)	2022 DPM (ug/m3)	2023 DPM (ug/m3)	2024 DPM (ug/m3)	Max DPM (ug/m3)	CNCHI
443543.62	3748016.2	0.004532	0.002261	0.001968	0.001657	0.001429	0.00068	0.004532	0.00091
443581.38	3748016.2	0.004722	0.002356	0.002059	0.001734	0.001494	0.00071	0.004722	0.00094
443619.14	3748016.2	0.004976	0.002484	0.002182	0.001839	0.001582	0.00075	0.004976	0.00100
443656.9	3748016.2	0.005281	0.002637	0.002337	0.001971	0.001693	0.000799	0.005281	0.00106
443694.66	3748016.2	0.005663	0.002831	0.002549	0.002153	0.001843	0.000863	0.005663	0.00113
443732.42	3748016.2	0.005923	0.002972	0.002821	0.002392	0.002028	0.000926	0.005923	0.00118
443543.62	3748046.66	0.004755	0.002372	0.002059	0.001733	0.001495	0.000712	0.004755	0.00095
443581.38	3748046.66	0.004969	0.002479	0.002157	0.001817	0.001566	0.000745	0.004969	0.00099
443619.14	3748046.66	0.00524	0.002615	0.002283	0.001923	0.001657	0.000787	0.00524	0.00105
443656.9	3748046.66	0.00559	0.00279	0.002449	0.002063	0.001776	0.000842	0.00559	0.00112
443694.66	3748046.66	0.00604	0.003016	0.002668	0.00225	0.001933	0.000913	0.00604	0.00121
443732.42	3748046.66	0.0063	0.003151	0.002846	0.002404	0.002057	0.000962	0.0063	0.00126
443543.62	3748077.12	0.005078	0.002532	0.002192	0.001846	0.001592	0.00076	0.005078	0.00102
443581.38	3748077.12	0.005325	0.002656	0.002303	0.001939	0.001673	0.000797	0.005325	0.00106
443619.14	3748077.12	0.00564	0.002814	0.002446	0.002059	0.001776	0.000846	0.00564	0.00113
443656.9	3748077.12	0.00595	0.002969	0.002589	0.002181	0.001879	0.000893	0.00595	0.00119
443694.66	3748077.12	0.006433	0.003211	0.002813	0.002371	0.002041	0.000968	0.006433	0.00129
443732.42	3748077.12	0.006741	0.003367	0.002981	0.002514	0.00216	0.001019	0.006741	0.00135
443543.62	3748107.58	0.005497	0.002741	0.002368	0.001993	0.001721	0.000822	0.005497	0.00110
443581.38	3748107.58	0.005769	0.002877	0.002488	0.002095	0.001808	0.000863	0.005769	0.00115
443619.14	3748107.58	0.006026	0.003005	0.002604	0.002192	0.001891	0.000902	0.006026	0.00121
443656.9	3748107.58	0.006384	0.003184	0.002765	0.002328	0.002008	0.000956	0.006384	0.00128
443694.66	3748107.58	0.006967	0.003476	0.003027	0.002549	0.002197	0.001045	0.006967	0.00139
443732.42	3748107.58	0.007378	0.003682	0.003224	0.002716	0.002339	0.00111	0.007378	0.00148
443543.62	3748138.04	0.005975	0.002979	0.00257	0.002162	0.001867	0.000893	0.005975	0.00120
443581.38	3748138.04	0.006227	0.003105	0.002681	0.002256	0.001948	0.000931	0.006227	0.00125
443619.14	3748138.04	0.006531	0.003257	0.002815	0.002369	0.002045	0.000976	0.006531	0.00131
443656.9	3748138.04	0.007	0.003491	0.003021	0.002543	0.002194	0.001047	0.007	0.00140
443694.66	3748138.04	0.007716	0.003848	0.003335	0.002808	0.002422	0.001155	0.007716	0.00154

Maximum Caner Risk
0.01
BAAQMD threshold of significance
1
Exceed thresholds?
No

443732.42	3748138.04	0.00831	0.004145	0.003604	0.003034	0.002616	0.001246	0.00831	0.00166
443543.62	3748168.5	0.006504	0.003243	0.002793	0.00235	0.00203	0.000971	0.006504	0.00130
443581.38	3748168.5	0.006833	0.003407	0.002936	0.002471	0.002134	0.00102	0.006833	0.00137
443619.14	3748168.5	0.007219	0.003599	0.003105	0.002613	0.002256	0.001078	0.007219	0.00144
443656.9	3748168.5	0.007864	0.003921	0.003384	0.002848	0.002459	0.001175	0.007864	0.00157
443694.66	3748168.5	0.008783	0.004379	0.003783	0.003184	0.002748	0.001313	0.008783	0.00176
443732.42	3748168.5	0.009626	0.0048	0.004153	0.003495	0.003017	0.00144	0.009626	0.00193
444172.99	3747085.77	0.003792	0.00189	0.001621	0.001364	0.001179	0.000565	0.003792	0.00076
444272.99	3747085.77	0.003265	0.001627	0.001396	0.001174	0.001015	0.000487	0.003265	0.00065
444372.99	3747085.77	0.002807	0.001399	0.001201	0.00101	0.000873	0.000418	0.002807	0.00056
444472.99	3747085.77	0.002434	0.001213	0.001041	0.000876	0.000757	0.000363	0.002434	0.00049
444572.99	3747085.77	0.002128	0.001061	0.000911	0.000766	0.000662	0.000317	0.002128	0.00043
444672.99	3747085.77	0.001901	0.000948	0.000814	0.000685	0.000592	0.000283	0.001901	0.00038
444772.99	3747085.77	0.001717	0.000856	0.000735	0.000619	0.000535	0.000256	0.001717	0.00034
444872.99	3747085.77	0.001566	0.00078	0.000671	0.000564	0.000488	0.000233	0.001566	0.00031
444972.99	3747085.77	0.001436	0.000716	0.000615	0.000517	0.000447	0.000214	0.001436	0.00029
445072.99	3747085.77	0.001329	0.000662	0.000569	0.000479	0.000414	0.000198	0.001329	0.00027
445172.99	3747085.77	0.001238	0.000617	0.000531	0.000446	0.000386	0.000185	0.001238	0.00025
445272.99	3747085.77	0.001163	0.00058	0.000499	0.000419	0.000362	0.000173	0.001163	0.00023
445372.99	3747085.77	0.001093	0.000545	0.000468	0.000394	0.000341	0.000163	0.001093	0.00022
445472.99	3747085.77	0.001027	0.000512	0.00044	0.00037	0.00032	0.000153	0.001027	0.00021
445572.99	3747085.77	0.000969	0.000483	0.000415	0.00035	0.000302	0.000145	0.000969	0.00019
444172.99	3747185.77	0.006071	0.003025	0.002593	0.002181	0.001885	0.000904	0.006071	0.00121
444272.99	3747185.77	0.004645	0.002315	0.001985	0.00167	0.001443	0.000692	0.004645	0.00093
444372.99	3747185.77	0.003707	0.001847	0.001585	0.001333	0.001152	0.000552	0.003707	0.00074
444472.99	3747185.77	0.003032	0.001511	0.001297	0.001091	0.000943	0.000452	0.003032	0.00061
444572.99	3747185.77	0.002567	0.00128	0.001098	0.000924	0.000799	0.000383	0.002567	0.00051
444672.99	3747185.77	0.002233	0.001113	0.000956	0.000804	0.000695	0.000333	0.002233	0.00045
444772.99	3747185.77	0.001968	0.000981	0.000843	0.000709	0.000613	0.000293	0.001968	0.00039
444872.99	3747185.77	0.001763	0.000879	0.000755	0.000635	0.000549	0.000263	0.001763	0.00035
444972.99	3747185.77	0.001599	0.000797	0.000685	0.000576	0.000498	0.000238	0.001599	0.00032
445072.99	3747185.77	0.001461	0.000728	0.000626	0.000527	0.000455	0.000218	0.001461	0.00029
445172.99	3747185.77	0.001346	0.000671	0.000577	0.000485	0.000419	0.000201	0.001346	0.00027
445272.99	3747185.77	0.001252	0.000624	0.000537	0.000451	0.00039	0.000187	0.001252	0.00025
445372.99	3747185.77	0.001164	0.00058	0.000499	0.00042	0.000363	0.000174	0.001164	0.00023
445472.99	3747185.77	0.001087	0.000542	0.000466	0.000392	0.000339	0.000162	0.001087	0.00022
445572.99	3747185.77	0.001019	0.000508	0.000437	0.000368	0.000318	0.000152	0.001019	0.00020
444172.99	3747285.77	0.009904	0.004936	0.004227	0.003555	0.003074	0.001475	0.009904	0.00198
444272.99	3747285.77	0.00671	0.003344	0.002866	0.00241	0.002084	0.000999	0.00671	0.00134
444372.99	3747285.77	0.004933	0.002459	0.002108	0.001773	0.001533	0.000735	0.004933	0.00099
444472.99	3747285.77	0.003852	0.00192	0.001647	0.001385	0.001198	0.000574	0.003852	0.00077

444572.99	3747285.77	0.003144	0.001567	0.001345	0.001131	0.000978	0.000469	0.003144	0.00063
444672.99	3747285.77	0.002638	0.001315	0.001129	0.00095	0.000821	0.000393	0.002638	0.00053
444772.99	3747285.77	0.002266	0.001129	0.00097	0.000816	0.000705	0.000338	0.002266	0.00045
444872.99	3747285.77	0.00199	0.000992	0.000852	0.000717	0.00062	0.000297	0.00199	0.00040
444972.99	3747285.77	0.001769	0.000882	0.000758	0.000637	0.000551	0.000264	0.001769	0.00035
445072.99	3747285.77	0.001596	0.000796	0.000684	0.000575	0.000497	0.000238	0.001596	0.00032
445172.99	3747285.77	0.001454	0.000725	0.000623	0.000524	0.000453	0.000217	0.001454	0.00029
445272.99	3747285.77	0.001336	0.000666	0.000573	0.000482	0.000416	0.000199	0.001336	0.00027
445372.99	3747285.77	0.001236	0.000616	0.00053	0.000446	0.000385	0.000184	0.001236	0.00025
445472.99	3747285.77	0.001151	0.000574	0.000493	0.000415	0.000359	0.000172	0.001151	0.00023
445572.99	3747285.77	0.001075	0.000536	0.000461	0.000388	0.000335	0.00016	0.001075	0.00022
444172.99	3747385.77	0.014706	0.007329	0.006275	0.005278	0.004564	0.002189	0.014706	0.00294
444272.99	3747385.77	0.009206	0.004588	0.003931	0.003306	0.002859	0.001371	0.009206	0.00184
444372.99	3747385.77	0.006436	0.003207	0.00275	0.002313	0.001999	0.000959	0.006436	0.00129
444472.99	3747385.77	0.004844	0.002414	0.002071	0.001742	0.001506	0.000722	0.004844	0.00097
444572.99	3747385.77	0.003857	0.001922	0.00165	0.001388	0.0012	0.000575	0.003857	0.00077
444672.99	3747385.77	0.003064	0.001527	0.001311	0.001103	0.000953	0.000457	0.003064	0.00061
444772.99	3747385.77	0.002568	0.00128	0.001099	0.000925	0.000799	0.000383	0.002568	0.00051
444872.99	3747385.77	0.002206	0.0011	0.000945	0.000795	0.000687	0.000329	0.002206	0.00044
444972.99	3747385.77	0.001935	0.000965	0.000829	0.000697	0.000603	0.000289	0.001935	0.00039
445072.99	3747385.77	0.00172	0.000857	0.000737	0.00062	0.000536	0.000257	0.00172	0.00034
445172.99	3747385.77	0.001553	0.000774	0.000666	0.00056	0.000484	0.000232	0.001553	0.00031
445272.99	3747385.77	0.001417	0.000707	0.000608	0.000511	0.000442	0.000211	0.001417	0.00028
445372.99	3747385.77	0.001309	0.000653	0.000561	0.000472	0.000408	0.000195	0.001309	0.00026
445472.99	3747385.77	0.001215	0.000606	0.000521	0.000438	0.000379	0.000181	0.001215	0.00024
445572.99	3747385.77	0.001133	0.000565	0.000486	0.000409	0.000353	0.000169	0.001133	0.00023
444172.99	3747485.77	0.019557	0.009746	0.008345	0.007018	0.006069	0.002911	0.019557	0.00391
444272.99	3747485.77	0.011518	0.00574	0.004918	0.004137	0.003577	0.001715	0.011518	0.00230
444372.99	3747485.77	0.007906	0.00394	0.003378	0.002841	0.002456	0.001178	0.007906	0.00158
444472.99	3747485.77	0.005744	0.002863	0.002455	0.002065	0.001785	0.000856	0.005744	0.00115
444572.99	3747485.77	0.004322	0.002154	0.001849	0.001555	0.001344	0.000644	0.004322	0.00086
444672.99	3747485.77	0.003412	0.0017	0.00146	0.001228	0.001062	0.000509	0.003412	0.00068
444772.99	3747485.77	0.002826	0.001409	0.00121	0.001018	0.00088	0.000421	0.002826	0.00057
444872.99	3747485.77	0.002396	0.001194	0.001026	0.000863	0.000746	0.000357	0.002396	0.00048
444972.99	3747485.77	0.00208	0.001037	0.000891	0.00075	0.000648	0.00031	0.00208	0.00042
445072.99	3747485.77	0.001835	0.000915	0.000787	0.000662	0.000572	0.000274	0.001835	0.00037
445172.99	3747485.77	0.001647	0.000821	0.000706	0.000594	0.000513	0.000246	0.001647	0.00033
445272.99	3747485.77	0.001499	0.000747	0.000643	0.000541	0.000467	0.000224	0.001499	0.00030
445372.99	3747485.77	0.00138	0.000688	0.000592	0.000498	0.00043	0.000206	0.00138	0.00028
445472.99	3747485.77	0.001283	0.000639	0.00055	0.000463	0.0004	0.000191	0.001283	0.00026
445572.99	3747485.77	0.001202	0.000599	0.000515	0.000434	0.000375	0.000179	0.001202	0.00024

444172.99	3747585.77	0.023418	0.01167	0.009995	0.008406	0.007269	0.003486	0.023418	0.00468
444272.99	3747585.77	0.013003	0.00648	0.005554	0.004671	0.004039	0.001937	0.013003	0.00260
444372.99	3747585.77	0.00874	0.004356	0.003736	0.003142	0.002716	0.001302	0.00874	0.00175
444472.99	3747585.77	0.00621	0.003095	0.002656	0.002234	0.001931	0.000925	0.00621	0.00124
444572.99	3747585.77	0.0046	0.002293	0.001968	0.001656	0.001431	0.000686	0.0046	0.00092
444672.99	3747585.77	0.003654	0.001821	0.001565	0.001316	0.001137	0.000545	0.003654	0.00073
444772.99	3747585.77	0.003012	0.001501	0.00129	0.001085	0.000938	0.000449	0.003012	0.00060
444872.99	3747585.77	0.00254	0.001266	0.001088	0.000916	0.000791	0.000379	0.00254	0.00051
444972.99	3747585.77	0.002195	0.001094	0.000941	0.000791	0.000684	0.000327	0.002195	0.00044
445072.99	3747585.77	0.001941	0.000967	0.000832	0.0007	0.000605	0.000289	0.001941	0.00039
445172.99	3747585.77	0.001737	0.000866	0.000745	0.000627	0.000541	0.000259	0.001737	0.00035
445272.99	3747585.77	0.001582	0.000789	0.000678	0.000571	0.000493	0.000236	0.001582	0.00032
445372.99	3747585.77	0.001458	0.000727	0.000625	0.000526	0.000454	0.000217	0.001458	0.00029
445472.99	3747585.77	0.001355	0.000675	0.000581	0.000489	0.000422	0.000202	0.001355	0.00027
445572.99	3747585.77	0.001274	0.000635	0.000546	0.000459	0.000397	0.00019	0.001274	0.00025
444172.99	3747685.77	0.020458	0.010196	0.00874	0.007352	0.006356	0.003047	0.020458	0.00409
444272.99	3747685.77	0.012429	0.006195	0.005314	0.00447	0.003864	0.001852	0.012429	0.00249
444372.99	3747685.77	0.008465	0.004219	0.003621	0.003046	0.002633	0.001262	0.008465	0.00169
444472.99	3747685.77	0.006065	0.003023	0.002596	0.002184	0.001887	0.000904	0.006065	0.00121
444572.99	3747685.77	0.004605	0.002295	0.001972	0.001659	0.001433	0.000687	0.004605	0.00092
444672.99	3747685.77	0.003696	0.001842	0.001583	0.001332	0.001151	0.000551	0.003696	0.00074
444772.99	3747685.77	0.003066	0.001528	0.001314	0.001105	0.000955	0.000457	0.003066	0.00061
444872.99	3747685.77	0.002618	0.001305	0.001122	0.000944	0.000816	0.00039	0.002618	0.00052
444972.99	3747685.77	0.002278	0.001136	0.000977	0.000822	0.00071	0.00034	0.002278	0.00046
445072.99	3747685.77	0.002023	0.001008	0.000867	0.00073	0.00063	0.000302	0.002023	0.00040
445172.99	3747685.77	0.001822	0.000908	0.000781	0.000657	0.000568	0.000272	0.001822	0.00036
445272.99	3747685.77	0.001661	0.000828	0.000712	0.000599	0.000518	0.000248	0.001661	0.00033
445372.99	3747685.77	0.001531	0.000763	0.000656	0.000552	0.000477	0.000228	0.001531	0.00031
445472.99	3747685.77	0.001423	0.000709	0.00061	0.000513	0.000444	0.000212	0.001423	0.00028
445572.99	3747685.77	0.001333	0.000665	0.000572	0.000481	0.000415	0.000199	0.001333	0.00027
444172.99	3747785.77	0.015034	0.007493	0.006436	0.005414	0.004679	0.002241	0.015034	0.00301
444272.99	3747785.77	0.010047	0.005008	0.004303	0.00362	0.003128	0.001498	0.010047	0.00201
444372.99	3747785.77	0.007415	0.003696	0.003176	0.002672	0.002309	0.001106	0.007415	0.00148
444472.99	3747785.77	0.005505	0.002744	0.002359	0.001985	0.001715	0.000821	0.005505	0.00110
444572.99	3747785.77	0.004344	0.002165	0.001862	0.001567	0.001354	0.000648	0.004344	0.00087
444672.99	3747785.77	0.003573	0.001781	0.001532	0.001289	0.001114	0.000533	0.003573	0.00071
444772.99	3747785.77	0.003046	0.001519	0.001306	0.001099	0.00095	0.000454	0.003046	0.00061
444872.99	3747785.77	0.002638	0.001315	0.001131	0.000952	0.000822	0.000394	0.002638	0.00053
444972.99	3747785.77	0.002321	0.001157	0.000996	0.000838	0.000724	0.000346	0.002321	0.00046
445072.99	3747785.77	0.002074	0.001034	0.000889	0.000748	0.000647	0.000309	0.002074	0.00041
445172.99	3747785.77	0.001886	0.00094	0.000809	0.000681	0.000588	0.000281	0.001886	0.00038

445272.99	3747785.77	0.001728	0.000861	0.000741	0.000623	0.000539	0.000258	0.001728	0.00035
445372.99	3747785.77	0.001592	0.000794	0.000683	0.000575	0.000496	0.000238	0.001592	0.00032
445472.99	3747785.77	0.00148	0.000738	0.000635	0.000534	0.000461	0.000221	0.00148	0.00030
445572.99	3747785.77	0.001382	0.000689	0.000593	0.000499	0.000431	0.000206	0.001382	0.00028
444172.99	3747885.77	0.010491	0.00523	0.004505	0.003791	0.003274	0.001566	0.010491	0.00210
444272.99	3747885.77	0.007644	0.003811	0.003282	0.002762	0.002386	0.001141	0.007644	0.00153
444372.99	3747885.77	0.005983	0.002983	0.002569	0.002162	0.001867	0.000893	0.005983	0.00120
444472.99	3747885.77	0.004765	0.002375	0.002046	0.001721	0.001487	0.000711	0.004765	0.00095
444572.99	3747885.77	0.003907	0.001948	0.001678	0.001412	0.001219	0.000583	0.003907	0.00078
444672.99	3747885.77	0.00336	0.001675	0.001443	0.001214	0.001049	0.000502	0.00336	0.00067
444772.99	3747885.77	0.002944	0.001468	0.001264	0.001063	0.000918	0.000439	0.002944	0.00059
444872.99	3747885.77	0.002601	0.001296	0.001116	0.000939	0.000811	0.000388	0.002601	0.00052
444972.99	3747885.77	0.002325	0.001159	0.000998	0.000839	0.000725	0.000347	0.002325	0.00046
445072.99	3747885.77	0.002101	0.001047	0.000901	0.000758	0.000655	0.000313	0.002101	0.00042
445172.99	3747885.77	0.001926	0.00096	0.000826	0.000695	0.000601	0.000287	0.001926	0.00039
445272.99	3747885.77	0.001774	0.000884	0.000761	0.00064	0.000553	0.000265	0.001774	0.00035
445372.99	3747885.77	0.001639	0.000817	0.000703	0.000591	0.000511	0.000245	0.001639	0.00033
445472.99	3747885.77	0.001516	0.000755	0.00065	0.000547	0.000473	0.000226	0.001516	0.00030
445572.99	3747885.77	0.00141	0.000703	0.000605	0.000509	0.00044	0.00021	0.00141	0.00028
444172.99	3747985.77	0.007206	0.003593	0.003107	0.002615	0.002257	0.001077	0.007206	0.00144
444272.99	3747985.77	0.005743	0.002863	0.002474	0.002082	0.001798	0.000858	0.005743	0.00115
444372.99	3747985.77	0.00471	0.002348	0.002028	0.001707	0.001474	0.000704	0.00471	0.00094
444472.99	3747985.77	0.004022	0.002006	0.001731	0.001457	0.001258	0.000601	0.004022	0.00080
444572.99	3747985.77	0.003524	0.001757	0.001516	0.001275	0.001101	0.000526	0.003524	0.00070
444672.99	3747985.77	0.003131	0.001561	0.001346	0.001133	0.000978	0.000468	0.003131	0.00063
444772.99	3747985.77	0.002808	0.0014	0.001207	0.001015	0.000877	0.000419	0.002808	0.00056
444872.99	3747985.77	0.002542	0.001267	0.001092	0.000919	0.000794	0.00038	0.002542	0.00051
444972.99	3747985.77	0.00231	0.001151	0.000992	0.000835	0.000721	0.000345	0.00231	0.00046
445072.99	3747985.77	0.002114	0.001054	0.000908	0.000764	0.00066	0.000316	0.002114	0.00042
445172.99	3747985.77	0.001938	0.000966	0.000832	0.0007	0.000605	0.000289	0.001938	0.00039
445272.99	3747985.77	0.00179	0.000892	0.000768	0.000646	0.000558	0.000267	0.00179	0.00036
445372.99	3747985.77	0.001653	0.000824	0.000709	0.000597	0.000515	0.000247	0.001653	0.00033
445472.99	3747985.77	0.001527	0.000761	0.000655	0.000551	0.000476	0.000228	0.001527	0.00031
445572.99	3747985.77	0.001419	0.000707	0.000609	0.000512	0.000442	0.000212	0.001419	0.00028
444172.99	3748085.77	0.005805	0.002896	0.002514	0.002117	0.001826	0.00087	0.005805	0.00116
444272.99	3748085.77	0.004769	0.002378	0.002062	0.001736	0.001497	0.000714	0.004769	0.00095
444372.99	3748085.77	0.004116	0.002053	0.001777	0.001496	0.001291	0.000616	0.004116	0.00082
444472.99	3748085.77	0.003652	0.001821	0.001575	0.001325	0.001144	0.000546	0.003652	0.00073
444572.99	3748085.77	0.00328	0.001636	0.001413	0.001189	0.001027	0.00049	0.00328	0.00066
444672.99	3748085.77	0.002976	0.001484	0.001281	0.001078	0.000931	0.000445	0.002976	0.00060
444772.99	3748085.77	0.002723	0.001358	0.001171	0.000986	0.000851	0.000407	0.002723	0.00054

444872.99	3748085.77	0.002498	0.001245	0.001074	0.000904	0.00078	0.000373	0.002498	0.00050
444972.99	3748085.77	0.002286	0.00114	0.000982	0.000827	0.000714	0.000341	0.002286	0.00046
445072.99	3748085.77	0.002097	0.001045	0.000901	0.000758	0.000655	0.000313	0.002097	0.00042
445172.99	3748085.77	0.001928	0.000961	0.000828	0.000697	0.000602	0.000288	0.001928	0.00039
445272.99	3748085.77	0.001778	0.000886	0.000763	0.000642	0.000555	0.000265	0.001778	0.00036
445372.99	3748085.77	0.001645	0.00082	0.000706	0.000594	0.000513	0.000245	0.001645	0.00033
445472.99	3748085.77	0.001524	0.00076	0.000654	0.00055	0.000475	0.000227	0.001524	0.00030
445572.99	3748085.77	0.001417	0.000706	0.000608	0.000512	0.000442	0.000211	0.001417	0.00028
444172.99	3748185.77	0.006564	0.003274	0.00285	0.0024	0.002069	0.000985	0.006564	0.00131
444272.99	3748185.77	0.005025	0.002506	0.002177	0.001833	0.001581	0.000753	0.005025	0.00100
444372.99	3748185.77	0.004188	0.002089	0.001811	0.001525	0.001315	0.000627	0.004188	0.00084
444472.99	3748185.77	0.003655	0.001823	0.001578	0.001329	0.001146	0.000547	0.003655	0.00073
444572.99	3748185.77	0.003269	0.00163	0.00141	0.001187	0.001024	0.000489	0.003269	0.00065
444672.99	3748185.77	0.002956	0.001474	0.001274	0.001072	0.000925	0.000442	0.002956	0.00059
444772.99	3748185.77	0.002687	0.00134	0.001157	0.000973	0.00084	0.000402	0.002687	0.00054
444872.99	3748185.77	0.002468	0.00123	0.001062	0.000893	0.000771	0.000369	0.002468	0.00049
444972.99	3748185.77	0.002253	0.001123	0.000969	0.000815	0.000704	0.000336	0.002253	0.00045
445072.99	3748185.77	0.002065	0.001029	0.000887	0.000747	0.000645	0.000308	0.002065	0.00041
445172.99	3748185.77	0.001899	0.000947	0.000816	0.000687	0.000593	0.000284	0.001899	0.00038
445272.99	3748185.77	0.001755	0.000875	0.000754	0.000634	0.000548	0.000262	0.001755	0.00035
445372.99	3748185.77	0.001627	0.000811	0.000699	0.000588	0.000508	0.000243	0.001627	0.00033
445472.99	3748185.77	0.001513	0.000754	0.00065	0.000547	0.000472	0.000226	0.001513	0.00030
445572.99	3748185.77	0.001412	0.000704	0.000606	0.00051	0.000441	0.000211	0.001412	0.00028
444172.99	3748285.77	0.008665	0.004324	0.003779	0.003183	0.002742	0.001302	0.008665	0.00173
444272.99	3748285.77	0.00615	0.003068	0.00267	0.002248	0.001938	0.000922	0.00615	0.00123
444372.99	3748285.77	0.004833	0.002411	0.002093	0.001763	0.00152	0.000724	0.004833	0.00097
444472.99	3748285.77	0.004011	0.002	0.001734	0.00146	0.00126	0.000601	0.004011	0.00080
444572.99	3748285.77	0.003456	0.001724	0.001492	0.001256	0.001084	0.000517	0.003456	0.00069
444672.99	3748285.77	0.003039	0.001516	0.001311	0.001103	0.000952	0.000455	0.003039	0.00061
444772.99	3748285.77	0.00272	0.001356	0.001172	0.000987	0.000852	0.000407	0.00272	0.00054
444872.99	3748285.77	0.002448	0.001221	0.001054	0.000887	0.000766	0.000366	0.002448	0.00049
444972.99	3748285.77	0.002221	0.001107	0.000956	0.000804	0.000694	0.000332	0.002221	0.00044
445072.99	3748285.77	0.002034	0.001014	0.000875	0.000736	0.000636	0.000304	0.002034	0.00041
445172.99	3748285.77	0.00187	0.000932	0.000804	0.000677	0.000584	0.000279	0.00187	0.00037
445272.99	3748285.77	0.001732	0.000864	0.000745	0.000627	0.000541	0.000259	0.001732	0.00035
445372.99	3748285.77	0.00161	0.000803	0.000692	0.000582	0.000503	0.00024	0.00161	0.00032
445472.99	3748285.77	0.0015	0.000748	0.000645	0.000542	0.000468	0.000224	0.0015	0.00030
445572.99	3748285.77	0.001404	0.0007	0.000603	0.000508	0.000438	0.00021	0.001404	0.00028
444172.99	3748385.77	0.011489	0.005741	0.005131	0.004331	0.003713	0.001745	0.011489	0.00230
444272.99	3748385.77	0.007531	0.003758	0.003291	0.002773	0.002387	0.001133	0.007531	0.00151
444372.99	3748385.77	0.00559	0.002789	0.002429	0.002045	0.001763	0.000839	0.00559	0.00112

444472.99	3748385.77	0.004446	0.002218	0.001926	0.001622	0.001399	0.000666	0.004446	0.00089
444572.99	3748385.77	0.003675	0.001833	0.001589	0.001338	0.001154	0.00055	0.003675	0.00074
444672.99	3748385.77	0.003147	0.00157	0.001359	0.001144	0.000987	0.000471	0.003147	0.00063
444772.99	3748385.77	0.002765	0.001379	0.001192	0.001004	0.000866	0.000414	0.002765	0.00055
444872.99	3748385.77	0.00246	0.001227	0.00106	0.000892	0.00077	0.000368	0.00246	0.00049
444972.99	3748385.77	0.002205	0.0011	0.00095	0.000799	0.00069	0.00033	0.002205	0.00044
445072.99	3748385.77	0.002016	0.001005	0.000868	0.00073	0.000631	0.000301	0.002016	0.00040
445172.99	3748385.77	0.001849	0.000922	0.000796	0.00067	0.000578	0.000276	0.001849	0.00037
445272.99	3748385.77	0.001712	0.000854	0.000736	0.00062	0.000535	0.000256	0.001712	0.00034
445372.99	3748385.77	0.001593	0.000794	0.000685	0.000576	0.000498	0.000238	0.001593	0.00032
445472.99	3748385.77	0.001491	0.000743	0.000641	0.000539	0.000466	0.000223	0.001491	0.00030
445572.99	3748385.77	0.001395	0.000695	0.000599	0.000504	0.000435	0.000208	0.001395	0.00028
444172.99	3748485.77	0.011609	0.005815	0.005387	0.004559	0.003883	0.001793	0.011609	0.00232
444272.99	3748485.77	0.008026	0.004012	0.003607	0.003046	0.002609	0.001222	0.008026	0.00161
444372.99	3748485.77	0.006008	0.002999	0.002633	0.002219	0.00191	0.000905	0.006008	0.00120
444472.99	3748485.77	0.00471	0.00235	0.002049	0.001726	0.001487	0.000707	0.00471	0.00094
444572.99	3748485.77	0.003844	0.001917	0.001666	0.001403	0.00121	0.000576	0.003844	0.00077
444672.99	3748485.77	0.003238	0.001615	0.001401	0.001179	0.001017	0.000485	0.003238	0.00065
444772.99	3748485.77	0.002798	0.001395	0.001208	0.001017	0.000878	0.000419	0.002798	0.00056
444872.99	3748485.77	0.002475	0.001234	0.001068	0.000899	0.000776	0.00037	0.002475	0.00050
444972.99	3748485.77	0.002214	0.001104	0.000954	0.000803	0.000693	0.000331	0.002214	0.00044
445072.99	3748485.77	0.001999	0.000997	0.000861	0.000725	0.000626	0.000299	0.001999	0.00040
445172.99	3748485.77	0.001834	0.000915	0.00079	0.000665	0.000574	0.000274	0.001834	0.00037
445272.99	3748485.77	0.001691	0.000843	0.000728	0.000612	0.000529	0.000253	0.001691	0.00034
445372.99	3748485.77	0.001574	0.000785	0.000677	0.00057	0.000492	0.000235	0.001574	0.00031
445472.99	3748485.77	0.001469	0.000732	0.000631	0.000531	0.000459	0.000219	0.001469	0.00029
445572.99	3748485.77	0.001376	0.000686	0.000592	0.000498	0.00043	0.000206	0.001376	0.00028
443047.86	3748855.7	0.027044	0.013477	0.011542	0.009707	0.008395	0.004026	0.027044	0.00541
443030.11	3748868.74	0.026092	0.013003	0.011134	0.009364	0.008098	0.003884	0.026092	0.00522
443016.91	3748884.58	0.028357	0.014131	0.012098	0.010174	0.008799	0.004221	0.028357	0.00567
442999.31	3748898.66	0.02717	0.01354	0.01159	0.009748	0.00843	0.004044	0.02717	0.00543
442983.47	3748918.02	0.028384	0.014144	0.012106	0.010181	0.008805	0.004225	0.028384	0.00568
442962.35	3748934.74	0.02604	0.012976	0.011106	0.00934	0.008078	0.003876	0.02604	0.00521
442947.39	3748948.82	0.024816	0.012366	0.010584	0.008901	0.007698	0.003693	0.024816	0.00496
442935.07	3748963.78	0.024749	0.012333	0.010555	0.008876	0.007677	0.003683	0.024749	0.00495
442916.59	3748985.78	0.025026	0.012471	0.010672	0.008975	0.007762	0.003724	0.025026	0.00501
442898.98	3749001.62	0.02281	0.011367	0.009727	0.00818	0.007075	0.003395	0.02281	0.00456
442881.38	3749017.46	0.020003	0.009968	0.00853	0.007174	0.006204	0.002977	0.020003	0.00400
442868.18	3749033.31	0.018299	0.009119	0.007804	0.006563	0.005676	0.002723	0.018299	0.00366
442854.1	3749046.51	0.01547	0.007709	0.006598	0.005549	0.004799	0.002302	0.01547	0.00309
442832.98	3749062.35	0.011134	0.005549	0.00475	0.003995	0.003455	0.001657	0.011134	0.00223

442816.26	3749081.71	0.008419	0.004196	0.003593	0.003022	0.002613	0.001253	0.008419	0.00168
442801.3	3749094.91	0.006657	0.003318	0.002842	0.00239	0.002067	0.000991	0.006657	0.00133
442780.18	3749111.63	0.005063	0.002523	0.002162	0.001819	0.001573	0.000754	0.005063	0.00101
442764.34	3749127.47	0.004212	0.002099	0.001799	0.001514	0.001309	0.000627	0.004212	0.00084
442750.26	3749130.11	0.003823	0.001905	0.001634	0.001374	0.001188	0.000569	0.003823	0.00076
442722.1	3749138.03	0.00319	0.00159	0.001363	0.001147	0.000991	0.000475	0.00319	0.00064
442705.38	3749146.83	0.002885	0.001438	0.001234	0.001038	0.000897	0.00043	0.002885	0.00058
442678.1	3749144.19	0.002605	0.001299	0.001114	0.000937	0.00081	0.000388	0.002605	0.00052
442659.62	3749147.71	0.002419	0.001206	0.001035	0.00087	0.000752	0.000361	0.002419	0.00048
442638.49	3749145.07	0.002268	0.00113	0.00097	0.000816	0.000705	0.000338	0.002268	0.00045
442662.26	3749101.07	0.002675	0.001333	0.001144	0.000962	0.000832	0.000399	0.002675	0.00054
442694.82	3749095.79	0.003102	0.001546	0.001326	0.001115	0.000964	0.000462	0.003102	0.00062
442709.78	3749094.03	0.003347	0.001668	0.00143	0.001203	0.00104	0.000499	0.003347	0.00067
442730.02	3749086.99	0.00379	0.001889	0.001619	0.001362	0.001178	0.000564	0.00379	0.00076
442752.02	3749068.51	0.004506	0.002245	0.001925	0.001619	0.0014	0.000671	0.004506	0.00090
442796.9	3749035.95	0.006568	0.003273	0.002804	0.002358	0.002039	0.000978	0.006568	0.00131
442817.14	3749007.78	0.007463	0.003719	0.003186	0.002679	0.002317	0.001111	0.007463	0.00149
442845.3	3748987.54	0.009235	0.004602	0.003942	0.003315	0.002867	0.001375	0.009235	0.00185
442865.54	3748973.46	0.010687	0.005326	0.004561	0.003836	0.003317	0.001591	0.010687	0.00214
442840.9	3748956.74	0.007792	0.003883	0.003327	0.002798	0.002419	0.00116	0.007792	0.00156
442888.42	3748944.42	0.011165	0.005564	0.004765	0.004008	0.003466	0.001662	0.011165	0.00223
442871.7	3748932.1	0.008933	0.004452	0.003814	0.003208	0.002774	0.00133	0.008933	0.00179
442872.58	3748910.98	0.008153	0.004063	0.003481	0.002928	0.002532	0.001214	0.008153	0.00163
442880.5	3748896.9	0.008101	0.004037	0.00346	0.00291	0.002516	0.001206	0.008101	0.00162
442906.02	3748895.14	0.009693	0.00483	0.004139	0.003481	0.00301	0.001443	0.009693	0.00194
442925.39	3748905.7	0.01204	0.006	0.005139	0.004322	0.003738	0.001793	0.01204	0.00241
442928.03	3748871.38	0.009847	0.004907	0.004205	0.003537	0.003058	0.001466	0.009847	0.00197
442942.99	3748881.94	0.011887	0.005924	0.005075	0.004268	0.003691	0.00177	0.011887	0.00238
442959.71	3748871.38	0.012639	0.006299	0.005397	0.004539	0.003925	0.001882	0.012639	0.00253
442923.63	3748842.34	0.008106	0.00404	0.003463	0.002913	0.002518	0.001207	0.008106	0.00162
442937.71	3748821.22	0.007812	0.003893	0.003338	0.002808	0.002427	0.001164	0.007812	0.00156
442971.15	3748822.98	0.009647	0.004808	0.004122	0.003467	0.002997	0.001437	0.009647	0.00193
442986.11	3748841.46	0.012341	0.00615	0.005271	0.004433	0.003833	0.001838	0.012341	0.00247
442985.23	3748812.42	0.009768	0.004868	0.004174	0.003511	0.003036	0.001455	0.009768	0.00195
443001.95	3748822.1	0.01164	0.005801	0.004973	0.004183	0.003616	0.001734	0.01164	0.00233
443063.55	3748836.18	0.023906	0.011914	0.010208	0.008586	0.007424	0.00356	0.023906	0.00478
443064.43	3748815.06	0.017853	0.008898	0.007629	0.006417	0.005548	0.002659	0.017853	0.00357
443051.23	3748791.3	0.012846	0.006402	0.005492	0.00462	0.003994	0.001914	0.012846	0.00257
443003.71	3748799.22	0.009862	0.004915	0.004215	0.003546	0.003065	0.001469	0.009862	0.00197
442974.67	3748795.7	0.00824	0.004107	0.003522	0.002963	0.002561	0.001228	0.00824	0.00165
443038.91	3748779.86	0.010777	0.005371	0.004608	0.003876	0.003351	0.001606	0.010777	0.00216

443027.47	3748759.61	0.008759	0.004366	0.003746	0.003151	0.002724	0.001305	0.008759	0.00175
443023.95	3748743.77	0.007915	0.003945	0.003386	0.002848	0.002462	0.00118	0.007915	0.00158
443008.99	3748724.41	0.006805	0.003391	0.002911	0.002449	0.002117	0.001014	0.006805	0.00136
443008.99	3748702.41	0.006287	0.003133	0.00269	0.002263	0.001956	0.000937	0.006287	0.00126
443097.87	3748795.7	0.018611	0.009276	0.00796	0.006696	0.005788	0.002773	0.018611	0.00372
443090.83	3748778.98	0.014491	0.007223	0.0062	0.005216	0.004508	0.00216	0.014491	0.00290
443071.47	3748764.01	0.011557	0.00576	0.004945	0.004159	0.003595	0.001722	0.011557	0.00231
443064.43	3748742.01	0.00967	0.00482	0.004138	0.003481	0.003008	0.001441	0.00967	0.00193
443051.23	3748723.53	0.00836	0.004167	0.003577	0.003009	0.002601	0.001246	0.00836	0.00167
443042.43	3748707.69	0.007481	0.003729	0.003201	0.002693	0.002327	0.001115	0.007481	0.00150
443042.43	3748691.85	0.007029	0.003503	0.003008	0.00253	0.002187	0.001048	0.007029	0.00141
443141.87	3748742.01	0.011916	0.00594	0.005112	0.004302	0.003716	0.001778	0.011916	0.00238
443121.63	3748726.17	0.010281	0.005125	0.004406	0.003706	0.003203	0.001533	0.010281	0.00206
443107.55	3748705.05	0.008917	0.004444	0.003818	0.003212	0.002776	0.001329	0.008917	0.00178
443088.19	3748676.01	0.007571	0.003774	0.003241	0.002726	0.002356	0.001129	0.007571	0.00151
443145.39	3748708.57	0.009829	0.0049	0.004213	0.003544	0.003063	0.001466	0.009829	0.00197
443176.19	3748679.53	0.009395	0.004683	0.004024	0.003385	0.002926	0.001401	0.009395	0.00188
443103.15	3748670.73	0.007708	0.003842	0.003299	0.002776	0.002399	0.001149	0.007708	0.00154
443230.76	3748790.42	0.016888	0.008433	0.007451	0.006283	0.0054	0.002551	0.016888	0.00338
443242.2	3748767.54	0.0148	0.007381	0.0064	0.005388	0.004648	0.002216	0.0148	0.00296
443255.4	3748742.89	0.013749	0.006855	0.005908	0.004971	0.004293	0.002053	0.013749	0.00275
443265.08	3748712.97	0.013034	0.006497	0.005584	0.004698	0.00406	0.001944	0.013034	0.00261
443278.28	3748687.45	0.013324	0.006641	0.0057	0.004795	0.004145	0.001986	0.013324	0.00266
443297.64	3748659.29	0.014873	0.007412	0.006355	0.005345	0.004621	0.002215	0.014873	0.00297
443306.44	3748793.94	0.02277	0.011352	0.009786	0.008235	0.007112	0.0034	0.02277	0.00455
443339.88	3748786.02	0.028187	0.014049	0.012063	0.010148	0.008771	0.004201	0.028187	0.00564
443371.56	3748768.42	0.032756	0.016325	0.013991	0.011768	0.010175	0.004878	0.032756	0.00655
443392.68	3748756.97	0.036468	0.018174	0.015566	0.013091	0.011321	0.00543	0.036468	0.00729
443418.2	3748739.37	0.039316	0.019592	0.016774	0.014107	0.0122	0.005852	0.039316	0.00786
443444.6	3748724.41	0.042666	0.021262	0.018198	0.015304	0.013236	0.00635	0.042666	0.00853
443471.89	3748711.21	0.045407	0.022627	0.019364	0.016284	0.014084	0.006758	0.045407	0.00908
443496.53	3748694.49	0.045071	0.02246	0.019219	0.016163	0.013979	0.006708	0.045071	0.00901
443525.57	3748681.29	0.048036	0.023937	0.020481	0.017224	0.014897	0.007149	0.048036	0.00961
443548.45	3748668.09	0.046222	0.023033	0.019708	0.016574	0.014335	0.006879	0.046222	0.00924
443583.65	3748651.37	0.051565	0.025696	0.021984	0.018488	0.015991	0.007673	0.051565	0.01031
443383	3748960.26	0.017206	0.00858	0.007416	0.006242	0.005388	0.002573	0.017206	0.00344
443380.36	3748936.5	0.020906	0.010423	0.008992	0.007567	0.006534	0.003123	0.020906	0.00418
443370.68	3748910.1	0.03099	0.015448	0.013292	0.011184	0.009662	0.004624	0.03099	0.00620
443386.52	3748896.02	0.041523	0.020696	0.017763	0.014942	0.012915	0.006188	0.041523	0.00830
443423.48	3748874.9	0.046783	0.023315	0.019979	0.016804	0.01453	0.006967	0.046783	0.00936
443448.13	3748859.94	0.046548	0.023197	0.019869	0.016711	0.01445	0.00693	0.046548	0.00931

443465.73	3748849.38	0.045705	0.022777	0.019504	0.016404	0.014185	0.006804	0.045705	0.00914
443497.41	3748829.14	0.044744	0.022297	0.019088	0.016053	0.013883	0.00666	0.044744	0.00895
443513.25	3748820.34	0.043856	0.021855	0.018707	0.015733	0.013606	0.006528	0.043856	0.00877
443539.65	3748809.78	0.042652	0.021255	0.018192	0.0153	0.013232	0.006348	0.042652	0.00853
443559.89	3748803.62	0.041702	0.020781	0.017786	0.014958	0.012937	0.006207	0.041702	0.00834
443581.89	3748796.58	0.041479	0.02067	0.01769	0.014877	0.012867	0.006173	0.041479	0.00830
443602.13	3748793.06	0.039833	0.01985	0.016988	0.014287	0.012356	0.005928	0.039833	0.00797
443624.13	3748791.3	0.037534	0.018704	0.016008	0.013462	0.011643	0.005586	0.037534	0.00751
443642.61	3748786.9	0.03837	0.019121	0.016364	0.013762	0.011902	0.005711	0.03837	0.00767
443661.09	3748783.38	0.038226	0.019049	0.016302	0.01371	0.011857	0.005689	0.038226	0.00765
443683.97	3748786.02	0.033502	0.016695	0.014289	0.012017	0.010393	0.004986	0.033502	0.00670
443535.25	3748597.69	0.052219	0.026021	0.022262	0.018722	0.016193	0.007771	0.052219	0.01044
443511.49	3748617.05	0.048708	0.024272	0.020767	0.017464	0.015105	0.007248	0.048708	0.00974
443491.25	3748637.29	0.045481	0.022664	0.019392	0.016308	0.014105	0.006768	0.045481	0.00910
443468.37	3748647.85	0.048298	0.024068	0.020593	0.017318	0.014979	0.007188	0.048298	0.00966
443441.08	3748674.25	0.03843	0.019151	0.016389	0.013783	0.011921	0.00572	0.03843	0.00769
443414.68	3748689.21	0.034172	0.017029	0.014577	0.012259	0.010602	0.005086	0.034172	0.00683
443389.16	3748705.93	0.027335	0.013622	0.011666	0.009812	0.008485	0.00407	0.027335	0.00547
443307.32	3748632.01	0.015734	0.007841	0.00672	0.005652	0.004887	0.002343	0.015734	0.00315
443322.28	3748600.33	0.016405	0.008175	0.007003	0.00589	0.005093	0.002443	0.016405	0.00328
443336.36	3748572.17	0.016712	0.008328	0.007133	0.005999	0.005188	0.002488	0.016712	0.00334
443355.72	3748617.05	0.027512	0.01371	0.011737	0.009871	0.008536	0.004095	0.027512	0.00550
443377.72	3748583.61	0.031496	0.015695	0.013433	0.011297	0.00977	0.004688	0.031496	0.00630
443387.4	3748555.45	0.028922	0.014412	0.012335	0.010374	0.008972	0.004305	0.028922	0.00578
443399.72	3748531.69	0.031544	0.015719	0.013452	0.011313	0.009785	0.004695	0.031544	0.00631
443409.4	3748510.57	0.035285	0.017583	0.015046	0.012654	0.010944	0.005251	0.035285	0.00706
443339.88	3748550.17	0.015873	0.00791	0.006775	0.005698	0.004927	0.002363	0.015873	0.00317
443358.36	3748517.61	0.016282	0.008114	0.006949	0.005844	0.005054	0.002424	0.016282	0.00326
443360.12	3748489.44	0.01547	0.007709	0.006603	0.005553	0.004802	0.002303	0.01547	0.00309
443372.44	3748464.8	0.016318	0.008132	0.006964	0.005857	0.005065	0.002429	0.016318	0.00326
443394.44	3748441.04	0.016471	0.008208	0.007029	0.005912	0.005112	0.002452	0.016471	0.00329
443497.41	3748439.28	0.04549	0.022668	0.019395	0.016311	0.014107	0.00677	0.04549	0.00910
443522.05	3748422.56	0.034047	0.016967	0.01452	0.012211	0.010561	0.005067	0.034047	0.00681
443541.41	3748404.08	0.028167	0.014037	0.012015	0.010105	0.008739	0.004193	0.028167	0.00563
443557.25	3748392.64	0.025697	0.012806	0.010963	0.00922	0.007974	0.003825	0.025697	0.00514
443580.13	3748376.8	0.025032	0.012475	0.010681	0.008983	0.007768	0.003726	0.025032	0.00501
443602.13	3748365.36	0.025374	0.012645	0.010828	0.009106	0.007875	0.003777	0.025374	0.00507
443623.25	3748346	0.024207	0.012064	0.010332	0.00869	0.007514	0.003604	0.024207	0.00484
443653.17	3748335.44	0.027879	0.013893	0.011898	0.010007	0.008653	0.00415	0.027879	0.00558
443671.65	3748321.36	0.027359	0.013634	0.011678	0.009822	0.008493	0.004073	0.027359	0.00547
443508.85	3748368.88	0.016606	0.008276	0.007089	0.005962	0.005156	0.002473	0.016606	0.00332

443479.81	3748380.32	0.016535	0.00824	0.007058	0.005936	0.005133	0.002462	0.016535	0.00331
443526.45	3748355.68	0.015914	0.007931	0.006795	0.005715	0.004942	0.00237	0.015914	0.00318
443548.45	3748339.84	0.01541	0.00768	0.006581	0.005535	0.004786	0.002295	0.01541	0.00308
443571.33	3748324	0.01535	0.00765	0.006557	0.005515	0.004768	0.002286	0.01535	0.00307
443590.69	3748310.8	0.015135	0.007543	0.006466	0.005439	0.004702	0.002254	0.015135	0.00303
443612.69	3748296.72	0.014742	0.007347	0.0063	0.0053	0.004582	0.002196	0.014742	0.00295
443636.45	3748282.64	0.014746	0.007349	0.006304	0.005303	0.004584	0.002197	0.014746	0.00295
443654.93	3748265.92	0.013963	0.006959	0.005973	0.005024	0.004343	0.002081	0.013963	0.00279
443672.53	3748246.56	0.01298	0.00647	0.005557	0.004675	0.00404	0.001935	0.01298	0.00260
443689.25	3748231.6	0.012315	0.006139	0.005277	0.00444	0.003836	0.001837	0.012315	0.00246
443706.85	3748215.75	0.011748	0.005856	0.00504	0.004241	0.003663	0.001753	0.011748	0.00235
443691.02	3748297.6	0.023308	0.011616	0.009955	0.008373	0.00724	0.003471	0.023308	0.00466
443707.74	3748282.64	0.020986	0.010459	0.008968	0.007544	0.006522	0.003126	0.020986	0.00420
443725.34	3748266.8	0.01889	0.009415	0.008079	0.006796	0.005874	0.002815	0.01889	0.00378
443741.18	3748257.12	0.018475	0.009209	0.007906	0.006651	0.005748	0.002754	0.018475	0.00370
443759.66	3748243.03	0.018517	0.00923	0.00793	0.006671	0.005765	0.002761	0.018517	0.00370
443773.74	3748221.03	0.016014	0.007983	0.006872	0.005782	0.004995	0.00239	0.016014	0.00320
443794.86	3748203.43	0.015425	0.007691	0.006636	0.005585	0.004822	0.002304	0.015425	0.00309
443813.34	3748185.83	0.014696	0.007329	0.00635	0.005346	0.004612	0.0022	0.014696	0.00294
443824.78	3748163.83	0.012629	0.006302	0.005514	0.004645	0.004	0.001899	0.012629	0.00253
443842.38	3748150.63	0.012127	0.006059	0.005401	0.004558	0.00391	0.001839	0.012127	0.00243
443794.86	3748123.35	0.00863	0.00431	0.003824	0.003225	0.00277	0.001306	0.00863	0.00173
443808.06	3748106.63	0.008234	0.004122	0.003777	0.003194	0.002726	0.001265	0.008234	0.00165
443773.74	3748145.35	0.009235	0.004608	0.004021	0.003387	0.002918	0.001387	0.009235	0.00185
443762.3	3748169.11	0.010343	0.005158	0.00447	0.003763	0.003247	0.001548	0.010343	0.00207
443749.1	3748183.19	0.01088	0.005425	0.004688	0.003946	0.003406	0.001626	0.01088	0.00218
443724.46	3748197.27	0.011067	0.005518	0.004757	0.004003	0.003457	0.001653	0.011067	0.00221
443669.01	3748506.17	0.058752	0.029277	0.025048	0.021065	0.018219	0.008743	0.058752	0.01175
443691.02	3748531.69	0.054264	0.027041	0.023136	0.019457	0.016828	0.008075	0.054264	0.01085
443709.5	3748544.89	0.052605	0.026214	0.022429	0.018862	0.016314	0.007828	0.052605	0.01052
443731.5	3748574.81	0.062899	0.031343	0.026815	0.022551	0.019505	0.00936	0.062899	0.01258
443760.54	3748588.01	0.063381	0.031584	0.027021	0.022724	0.019655	0.009432	0.063381	0.01268
443782.54	3748564.25	0.04745	0.023645	0.020234	0.017017	0.014718	0.007062	0.04745	0.00949
443807.18	3748539.61	0.041114	0.020488	0.017536	0.014748	0.012755	0.006119	0.041114	0.00822
443826.54	3748515.85	0.038089	0.018981	0.016249	0.013666	0.011818	0.00567	0.038089	0.00762
443852.94	3748491.21	0.037549	0.018712	0.016022	0.013475	0.011653	0.00559	0.037549	0.00751
443863.5	3748470.09	0.035705	0.017793	0.015238	0.012816	0.011082	0.005316	0.035705	0.00714
443881.98	3748439.28	0.033862	0.016875	0.014458	0.01216	0.010514	0.005042	0.033862	0.00677
443881.1	3748410.24	0.031137	0.015518	0.0133	0.011187	0.009672	0.004637	0.031137	0.00623
443899.59	3748423.44	0.034322	0.017105	0.014658	0.012329	0.01066	0.005111	0.034322	0.00686
443891.66	3748384.72	0.030316	0.015109	0.012956	0.010898	0.009422	0.004516	0.030316	0.00606

443911.07	3748370.97	0.030258	0.015081	0.012939	0.010884	0.009409	0.004509	0.030258	0.00605
443929.51	3748345.54	0.030322	0.015114	0.012983	0.010922	0.009439	0.004521	0.030322	0.00606
443939.05	3748329.01	0.029874	0.014892	0.012809	0.010776	0.009311	0.004456	0.029874	0.00597
443954.95	3748309.93	0.028944	0.014431	0.012451	0.010478	0.009047	0.004324	0.028944	0.00579
443975.29	3748291.49	0.02639	0.013166	0.011479	0.009668	0.008331	0.003961	0.02639	0.00528
443932.69	3748260.34	0.037055	0.018477	0.015964	0.013436	0.011598	0.005539	0.037055	0.00741
443907.9	3748288.95	0.039341	0.019609	0.016847	0.014173	0.012248	0.005866	0.039341	0.00787
443892	3748306.75	0.038315	0.019096	0.016388	0.013786	0.011916	0.00571	0.038315	0.00766
443878.65	3748325.19	0.036487	0.018185	0.015597	0.013119	0.011341	0.005436	0.036487	0.00730
443864.66	3748341.09	0.035713	0.017799	0.015259	0.012835	0.011096	0.005319	0.035713	0.00714
443848.13	3748357.62	0.036468	0.018174	0.015574	0.013099	0.011326	0.005431	0.036468	0.00729
443829.69	3748376.69	0.036503	0.018191	0.015584	0.013107	0.011333	0.005435	0.036503	0.00730
443795.99	3748384.96	0.042557	0.021208	0.018159	0.015272	0.013207	0.006335	0.042557	0.00851
443774.37	3748402.76	0.043446	0.02165	0.018535	0.015588	0.013481	0.006467	0.043446	0.00869
443747.03	3748423.75	0.046719	0.023282	0.019927	0.016758	0.014493	0.006954	0.046719	0.00934
443723.5	3748442.19	0.048153	0.023996	0.020536	0.01727	0.014936	0.007167	0.048153	0.00963
443705.7	3748458.72	0.047616	0.023728	0.020305	0.017076	0.014769	0.007086	0.047616	0.00952
443678.36	3748482.88	0.055088	0.027451	0.023488	0.019753	0.017084	0.008198	0.055088	0.01102
443730.5	3748499.41	0.039333	0.019601	0.016776	0.014108	0.012202	0.005854	0.039333	0.00787
443747.03	3748481.61	0.036672	0.018275	0.015643	0.013156	0.011378	0.005458	0.036672	0.00733
443773.1	3748465.71	0.034979	0.017431	0.014924	0.012551	0.010854	0.005207	0.034979	0.00700
443753.39	3748477.79	0.036199	0.018039	0.015442	0.012987	0.011231	0.005388	0.036199	0.00724
443778.19	3748500.05	0.034802	0.017343	0.014847	0.012487	0.010799	0.00518	0.034802	0.00696
443792.17	3748480.97	0.033717	0.016802	0.014386	0.012099	0.010463	0.005019	0.033717	0.00674
443816.97	3748455.54	0.032325	0.016109	0.013795	0.011602	0.010033	0.004812	0.032325	0.00646
443801.08	3748442.82	0.033666	0.016777	0.014367	0.012083	0.010449	0.005012	0.033666	0.00673
443815.7	3748424.38	0.033354	0.016622	0.014236	0.011973	0.010354	0.004966	0.033354	0.00667
443834.14	3748437.73	0.031742	0.015819	0.01355	0.011396	0.009854	0.004726	0.031742	0.00635
443855.06	3748084.13	0.00803	0.004037	0.003944	0.003351	0.002827	0.001273	0.00803	0.00161
443836.57	3748062.13	0.007285	0.003665	0.003608	0.003067	0.002583	0.001159	0.007285	0.00146
443812.81	3748041	0.006735	0.003396	0.00345	0.00294	0.002463	0.001089	0.006735	0.00135
443769.68	3747996.11	0.00596	0.003012	0.003147	0.002686	0.00224	0.000978	0.00596	0.00119
443828.65	3748013.72	0.006556	0.003284	0.003036	0.002569	0.002189	0.001012	0.006556	0.00131
443816.33	3747989.95	0.006284	0.003146	0.002887	0.002441	0.002083	0.000966	0.006284	0.00126
443813.69	3747954.75	0.006319	0.003159	0.002845	0.002402	0.002057	0.000963	0.006319	0.00126
443764.4	3747961.79	0.005778	0.002901	0.00278	0.002359	0.001996	0.000907	0.005778	0.00116
443730.07	3747945.06	0.005454	0.002753	0.002824	0.002407	0.002013	0.000887	0.005454	0.00109
443706.31	3747923.06	0.005289	0.002676	0.002835	0.002422	0.002015	0.000874	0.005289	0.00106
443688.7	3747902.81	0.005122	0.002591	0.002746	0.002346	0.001952	0.000847	0.005122	0.00102
443664.94	3747880.81	0.004834	0.002452	0.002686	0.0023	0.001903	0.000813	0.004834	0.00097
443646.45	3747852.64	0.00461	0.002333	0.002487	0.002125	0.001766	0.000764	0.00461	0.00092

443619.17	3747824.48	0.004355	0.002207	0.002395	0.002049	0.001698	0.000729	0.004355	0.00087
443604.2	3747805.99	0.00426	0.00216	0.002352	0.002013	0.001667	0.000714	0.00426	0.00085
443618.29	3747776.95	0.004325	0.002178	0.00217	0.001847	0.001552	0.000693	0.004325	0.00086
443639.41	3747752.3	0.004461	0.002243	0.002193	0.001864	0.001572	0.000708	0.004461	0.00089
443670.22	3747725.02	0.004738	0.002379	0.002279	0.001933	0.001636	0.000744	0.004738	0.00095
443702.78	3747688.05	0.005175	0.002603	0.002558	0.002175	0.001832	0.000823	0.005175	0.00104
443684.3	3747671.33	0.004847	0.002446	0.002507	0.002137	0.001788	0.000787	0.004847	0.00097
443719.51	3747704.77	0.005538	0.002782	0.002683	0.002278	0.001926	0.000873	0.005538	0.00111
443730.07	3747724.14	0.005849	0.002933	0.002761	0.002339	0.001986	0.000911	0.005849	0.00117
443752.96	3747739.98	0.006563	0.003291	0.00309	0.002618	0.002224	0.001021	0.006563	0.00131
443766.16	3747760.22	0.007169	0.003591	0.003318	0.002808	0.002392	0.001106	0.007169	0.00143
443789.04	3747782.23	0.00821	0.00411	0.003772	0.00319	0.002722	0.001263	0.00821	0.00164
443802.25	3747798.07	0.009	0.004503	0.004102	0.003467	0.002962	0.001379	0.009	0.00180
443819.85	3747817.44	0.01045	0.005227	0.004731	0.003997	0.003419	0.001596	0.01045	0.00209
443838.33	3747832.4	0.012329	0.006166	0.005568	0.004703	0.004025	0.001882	0.012329	0.00247
443855.06	3747848.24	0.013961	0.00698	0.006277	0.0053	0.004539	0.002126	0.013961	0.00279
443868.26	3747867.61	0.013878	0.006935	0.006194	0.005228	0.004483	0.002107	0.013878	0.00278
443885.86	3747890.49	0.013031	0.006508	0.005773	0.004869	0.004181	0.001972	0.013031	0.00261
443905.23	3747909.86	0.012435	0.006207	0.005451	0.004594	0.003953	0.001873	0.012435	0.00249
443919.31	3747930.1	0.011298	0.005637	0.004919	0.004144	0.00357	0.001697	0.011298	0.00226
443942.2	3747945.94	0.012049	0.00601	0.005217	0.004393	0.003788	0.001805	0.012049	0.00241
443955.4	3747961.79	0.010166	0.005071	0.004408	0.003712	0.0032	0.001524	0.010166	0.00203
443984.44	3747930.1	0.016977	0.008465	0.007313	0.006155	0.005313	0.002538	0.016977	0.00340
443991.49	3747911.62	0.025164	0.012545	0.01081	0.009096	0.007856	0.003757	0.025164	0.00503
443994.13	3747889.61	0.038801	0.019341	0.016631	0.013992	0.01209	0.005787	0.038801	0.00776
444004.69	3747868.49	0.036635	0.018262	0.015706	0.013214	0.011417	0.005465	0.036635	0.00733
444006.45	3747849.12	0.039888	0.019883	0.017089	0.014376	0.012423	0.005948	0.039888	0.00798
444014.37	3747831.52	0.039416	0.019647	0.016877	0.014197	0.01227	0.005876	0.039416	0.00788
444017.01	3747807.75	0.042992	0.021428	0.018393	0.015472	0.013373	0.006407	0.042992	0.00860
444024.93	3747790.15	0.042903	0.021383	0.018346	0.015432	0.01334	0.006393	0.042903	0.00858
444036.38	3747768.15	0.041954	0.020909	0.017932	0.015083	0.01304	0.00625	0.041954	0.00839
444047.82	3747747.9	0.041371	0.020618	0.017676	0.014868	0.012854	0.006162	0.041371	0.00827
444058.38	3747728.54	0.040988	0.020427	0.017507	0.014725	0.012731	0.006104	0.040988	0.00820
444071.58	3747710.05	0.039493	0.019682	0.016865	0.014184	0.012265	0.005881	0.039493	0.00790
444086.55	3747695.97	0.036432	0.018156	0.015556	0.013084	0.011313	0.005425	0.036432	0.00729
444102.39	3747681.89	0.033373	0.016632	0.014249	0.011984	0.010363	0.004969	0.033373	0.00667
444114.71	3747666.93	0.032017	0.015956	0.013669	0.011496	0.009941	0.004767	0.032017	0.00640
444132.32	3747655.48	0.028843	0.014374	0.012314	0.010357	0.008955	0.004295	0.028843	0.00577
444112.95	3747621.16	0.038191	0.019032	0.016295	0.013704	0.011851	0.005685	0.038191	0.00764
443727.52	3747635.24	0.005661	0.002859	0.002961	0.002526	0.002109	0.000925	0.005661	0.00113
443741.61	3747647.56	0.006051	0.003051	0.003093	0.002635	0.002208	0.000978	0.006051	0.00121

443754.81	3747668.68	0.006444	0.003253	0.003358	0.002864	0.002393	0.001051	0.006444	0.00129
443769.77	3747684.53	0.006907	0.003482	0.00353	0.003008	0.00252	0.001116	0.006907	0.00138
443780.34	3747695.09	0.00754	0.003793	0.00373	0.003171	0.002671	0.0012	0.00754	0.00151
443797.06	3747714.46	0.008623	0.004332	0.004189	0.003557	0.003005	0.00136	0.008623	0.00172
443809.38	3747727.66	0.009639	0.004838	0.004608	0.003908	0.003311	0.001509	0.009639	0.00193
443823.47	3747745.26	0.011205	0.00562	0.005294	0.004486	0.003809	0.001745	0.011205	0.00224
443846.35	3747775.19	0.014372	0.007205	0.006756	0.005722	0.004863	0.002233	0.014372	0.00287
443860.44	3747786.63	0.017224	0.008623	0.007915	0.006694	0.005711	0.002649	0.017224	0.00344
443868.36	3747769.91	0.018535	0.009259	0.008227	0.00694	0.005958	0.002807	0.018535	0.00371
443879.8	3747749.66	0.020194	0.010077	0.008806	0.007418	0.006389	0.003035	0.020194	0.00404
443887.72	3747723.26	0.020254	0.010102	0.008768	0.007383	0.006367	0.003034	0.020254	0.00405
443892.12	3747702.13	0.019697	0.009823	0.008503	0.007158	0.006176	0.002947	0.019697	0.00394
443895.64	3747682.77	0.018702	0.009326	0.008059	0.006783	0.005855	0.002796	0.018702	0.00374
443893	3747660.76	0.017255	0.008604	0.00743	0.006253	0.005398	0.002579	0.017255	0.00345
443893.88	3747640.52	0.017053	0.008502	0.007332	0.00617	0.005328	0.002547	0.017053	0.00341
443897.41	3747621.15	0.017469	0.008709	0.007499	0.006309	0.00545	0.002607	0.017469	0.00349
443900.05	3747604.43	0.017775	0.00886	0.007621	0.006412	0.00554	0.002652	0.017775	0.00355
443899.17	3747585.94	0.017283	0.008615	0.007405	0.00623	0.005383	0.002577	0.017283	0.00346
443901.81	3747563.94	0.017553	0.008749	0.007514	0.006321	0.005463	0.002617	0.017553	0.00351
443901.81	3747546.33	0.017332	0.008638	0.007416	0.006238	0.005392	0.002583	0.017332	0.00347
443904.45	3747526.97	0.017706	0.008825	0.007572	0.006369	0.005505	0.002638	0.017706	0.00354
443903.57	3747507.6	0.017179	0.008562	0.007344	0.006177	0.00534	0.002559	0.017179	0.00344
443901.81	3747487.36	0.016378	0.008163	0.007	0.005888	0.00509	0.00244	0.016378	0.00328
443905.33	3747466.23	0.016648	0.008297	0.007113	0.005983	0.005172	0.00248	0.016648	0.00333
443904.45	3747445.99	0.015485	0.007717	0.006615	0.005564	0.00481	0.002306	0.015485	0.00310
443903.57	3747429.26	0.0148	0.007376	0.006321	0.005317	0.004597	0.002204	0.0148	0.00296
443904.45	3747407.26	0.014565	0.007259	0.00622	0.005231	0.004523	0.002169	0.014565	0.00291
443903.57	3747388.77	0.014126	0.00704	0.006032	0.005073	0.004387	0.002104	0.014126	0.00283
443900.93	3747365.01	0.013471	0.006713	0.005752	0.004838	0.004183	0.002006	0.013471	0.00269
443894.76	3747341.24	0.012399	0.006179	0.005294	0.004453	0.00385	0.001846	0.012399	0.00248
443891.24	3747320.99	0.011808	0.005884	0.005041	0.00424	0.003666	0.001758	0.011808	0.00236
443886.84	3747302.51	0.011116	0.00554	0.004746	0.003992	0.003451	0.001655	0.011116	0.00222
443883.32	3747278.74	0.010521	0.005243	0.004492	0.003778	0.003267	0.001567	0.010521	0.00210
443882.44	3747257.62	0.010244	0.005105	0.004373	0.003678	0.00318	0.001525	0.010244	0.00205
443875.4	3747240.89	0.00911	0.00454	0.003889	0.003271	0.002829	0.001356	0.00911	0.00182
443862.2	3747223.29	0.007395	0.003685	0.003158	0.002657	0.002297	0.001101	0.007395	0.00148
443848.99	3747203.92	0.006014	0.002997	0.00257	0.002161	0.001869	0.000896	0.006014	0.00120
443875.4	3747192.48	0.007217	0.003597	0.003082	0.002592	0.002241	0.001075	0.007217	0.00144
443893.88	3747174	0.00742	0.003698	0.003168	0.002665	0.002304	0.001105	0.00742	0.00148
443900.93	3747150.23	0.006182	0.003081	0.002641	0.002221	0.00192	0.000921	0.006182	0.00124
443879.8	3747124.7	0.004592	0.002288	0.001963	0.001651	0.001427	0.000684	0.004592	0.00092

443859.56	3747118.54	0.004075	0.002031	0.001742	0.001465	0.001267	0.000607	0.004075	0.00081
443821.71	3747120.3	0.00358	0.001785	0.001531	0.001288	0.001114	0.000534	0.00358	0.00072
444137.71	3747581.54	0.031434	0.015665	0.013412	0.011279	0.009754	0.004679	0.031434	0.00629
444132.43	3747563.06	0.032243	0.016068	0.013755	0.011568	0.010005	0.0048	0.032243	0.00645
444122.74	3747541.93	0.034188	0.017037	0.014583	0.012265	0.010607	0.005089	0.034188	0.00684
444115.7	3747514.64	0.033915	0.016901	0.014466	0.012165	0.010521	0.005048	0.033915	0.00678
444104.26	3747490.88	0.035701	0.017791	0.015226	0.012805	0.011074	0.005313	0.035701	0.00714
444093.7	3747447.75	0.034897	0.01739	0.014882	0.012515	0.010824	0.005194	0.034897	0.00698
444089.29	3747432.78	0.034604	0.017244	0.014757	0.01241	0.010733	0.00515	0.034604	0.00692
444084.01	3747410.78	0.033053	0.016471	0.014095	0.011853	0.010252	0.004919	0.033053	0.00661
444079.61	3747394.05	0.031602	0.015748	0.013476	0.011333	0.009802	0.004703	0.031602	0.00632
444066.41	3747371.17	0.031893	0.015893	0.013599	0.011436	0.009891	0.004746	0.031893	0.00638
444065.53	3747356.2	0.029354	0.014628	0.012517	0.010527	0.009104	0.004369	0.029354	0.00587
444057.61	3747328.92	0.026825	0.013367	0.011439	0.00962	0.00832	0.003992	0.026825	0.00536
444048.8	3747309.55	0.025993	0.012953	0.011084	0.009321	0.008062	0.003868	0.025993	0.00520
444041.76	3747289.31	0.024393	0.012156	0.010402	0.008748	0.007566	0.00363	0.024393	0.00488
444039.12	3747269.94	0.021892	0.010909	0.009336	0.007851	0.00679	0.003258	0.021892	0.00438
444032.08	3747252.34	0.020933	0.010431	0.008927	0.007508	0.006493	0.003115	0.020933	0.00419
444026.8	3747232.09	0.019026	0.009481	0.008114	0.006824	0.005902	0.002832	0.019026	0.00381
444024.16	3747211.85	0.016249	0.008097	0.006931	0.005829	0.005041	0.002419	0.016249	0.00325
444012.71	3747194.24	0.015124	0.007537	0.006451	0.005425	0.004692	0.002251	0.015124	0.00302
444009.19	3747178.4	0.012388	0.006174	0.005285	0.004445	0.003844	0.001844	0.012388	0.00248
444000.39	3747159.03	0.0095	0.004734	0.004054	0.00341	0.002949	0.001414	0.0095	0.00190
443990.71	3747139.67	0.00737	0.003673	0.003147	0.002646	0.002288	0.001097	0.00737	0.00147
443987.19	3747122.06	0.006083	0.003032	0.002598	0.002185	0.001889	0.000906	0.006083	0.00122
443544.98	3747753.94	0.003658	0.001841	0.001826	0.001553	0.001307	0.000584	0.003658	0.00073
443566.91	3747739.32	0.003796	0.001918	0.001994	0.001702	0.00142	0.000621	0.003796	0.00076
443582.75	3747705.21	0.003844	0.001934	0.001906	0.00162	0.001364	0.000612	0.003844	0.00077
443608.33	3747662.57	0.00393	0.001976	0.001923	0.001633	0.001378	0.000622	0.00393	0.00079
443585.18	3747683.28	0.003797	0.001906	0.001813	0.001538	0.001303	0.000594	0.003797	0.00076
443664.38	3747610.18	0.004446	0.002235	0.002176	0.001848	0.00156	0.000704	0.004446	0.00089
444061.69	3748396.73	0.025689	0.012813	0.011125	0.009367	0.008078	0.003849	0.025689	0.00514
443702.16	3748778.14	0.035887	0.017883	0.015305	0.012871	0.011132	0.005341	0.035887	0.00718
443720.87	3748761.68	0.043191	0.021523	0.018417	0.015488	0.013396	0.006428	0.043191	0.00864
443735.08	3748748.96	0.049274	0.024554	0.021009	0.017668	0.015281	0.007333	0.049274	0.00985
443761.27	3748751.2	0.040008	0.019937	0.017061	0.014348	0.012409	0.005954	0.040008	0.00800
443781.48	3748750.46	0.03645	0.018164	0.015545	0.013073	0.011307	0.005425	0.03645	0.00729
443799.43	3748733.25	0.043176	0.021515	0.018411	0.015483	0.013391	0.006426	0.043176	0.00864
443816.64	3748742.22	0.034263	0.017074	0.014614	0.01229	0.010629	0.0051	0.034263	0.00685
443859.29	3748707.06	0.035641	0.017761	0.015202	0.012785	0.011057	0.005305	0.035641	0.00713
443854.8	3748660.67	0.051598	0.025712	0.022002	0.018503	0.016003	0.007679	0.051598	0.01032

443872.01	3748652.43	0.045325	0.022586	0.01933	0.016256	0.014059	0.006746	0.045325	0.00906
443881.74	3748635.22	0.044854	0.022352	0.01913	0.016088	0.013914	0.006676	0.044854	0.00897
443889.22	3748615.02	0.046007	0.022926	0.019622	0.016502	0.014272	0.006847	0.046007	0.00920
443912.42	3748586.59	0.042246	0.021052	0.018022	0.015157	0.013108	0.006288	0.042246	0.00845
443949.73	3748543.05	0.037497	0.018687	0.016004	0.01346	0.01164	0.005583	0.037497	0.00750
443955.98	3748523.52	0.040089	0.019978	0.017111	0.014391	0.012444	0.005969	0.040089	0.00802
443964.58	3748509.45	0.040352	0.020109	0.017226	0.014488	0.012528	0.006008	0.040352	0.00807
443975.51	3748496.56	0.039462	0.019666	0.01685	0.014172	0.012254	0.005876	0.039462	0.00789
444002.47	3748489.92	0.032118	0.016007	0.013728	0.011547	0.009983	0.004785	0.032118	0.00642
443993.02	3748508.17	0.031455	0.015677	0.01344	0.011304	0.009773	0.004685	0.031455	0.00629
443984.29	3748521.95	0.031184	0.015541	0.013321	0.011204	0.009687	0.004644	0.031184	0.00624
443976.48	3748538.5	0.030599	0.015249	0.013069	0.010992	0.009504	0.004557	0.030599	0.00612
443964.53	3748550.91	0.031688	0.015792	0.01353	0.01138	0.00984	0.004719	0.031688	0.00634
443950.29	3748565.15	0.033162	0.016527	0.014156	0.011906	0.010295	0.004938	0.033162	0.00663
443942.47	3748583.07	0.032567	0.01623	0.0139	0.011691	0.010109	0.004849	0.032567	0.00651
444015.08	3748474.62	0.030788	0.015345	0.013169	0.011077	0.009575	0.004588	0.030788	0.00616
444023.81	3748461.29	0.030065	0.014985	0.012869	0.010825	0.009356	0.004482	0.030065	0.00601
444033	3748446.13	0.029168	0.014539	0.012498	0.010514	0.009085	0.00435	0.029168	0.00583
444049.55	3748429.58	0.026545	0.013234	0.011406	0.009598	0.008289	0.003964	0.026545	0.00531
444052.31	3748411.2	0.027647	0.013785	0.011902	0.010017	0.008648	0.004131	0.027647	0.00553
443186.88	3748634.7	0.00855	0.004261	0.003658	0.003077	0.00266	0.001274	0.00855	0.00171
443201.94	3748608.36	0.008576	0.004274	0.003667	0.003085	0.002667	0.001278	0.008576	0.00172
443224.52	3748583.89	0.008724	0.004348	0.003729	0.003137	0.002712	0.0013	0.008724	0.00174
443237.69	3748551.9	0.008914	0.004443	0.00381	0.003204	0.00277	0.001328	0.008914	0.00178
443250.87	3748525.56	0.009092	0.004531	0.003885	0.003267	0.002825	0.001354	0.009092	0.00182
443267.8	3748491.68	0.00877	0.004371	0.003747	0.003152	0.002725	0.001306	0.00877	0.00175
443290.38	3748454.05	0.008821	0.004396	0.003769	0.00317	0.002741	0.001314	0.008821	0.00176
443299.79	3748416.41	0.008043	0.004009	0.003437	0.002891	0.002499	0.001198	0.008043	0.00161
443299.79	3748384.42	0.007287	0.003632	0.003115	0.00262	0.002265	0.001086	0.007287	0.00146
443301.68	3748352.43	0.006776	0.003377	0.002897	0.002437	0.002107	0.00101	0.006776	0.00136
443305.44	3748320.44	0.006319	0.003149	0.002702	0.002273	0.001965	0.000942	0.006319	0.00126
443117.28	3748611.37	0.006777	0.003378	0.0029	0.002439	0.002108	0.00101	0.006777	0.00136
443090.7	3748626.39	0.006557	0.003268	0.002806	0.00236	0.00204	0.000977	0.006557	0.00131
443162.35	3748585.94	0.007278	0.003628	0.003113	0.002619	0.002263	0.001085	0.007278	0.00146
443179.69	3748558.2	0.007248	0.003612	0.003099	0.002607	0.002253	0.00108	0.007248	0.00145
443190.09	3748530.47	0.007007	0.003492	0.002996	0.00252	0.002178	0.001044	0.007007	0.00140
443205.11	3748494.64	0.006847	0.003412	0.002927	0.002462	0.002128	0.00102	0.006847	0.00137
443229.38	3748456.5	0.00665	0.003314	0.002843	0.002391	0.002067	0.000991	0.00665	0.00133
443231.69	3748413.74	0.006095	0.003038	0.002606	0.002192	0.001895	0.000908	0.006095	0.00122
443252.5	3748389.47	0.00619	0.003085	0.002647	0.002226	0.001925	0.000922	0.00619	0.00124
443186.62	3748471.53	0.006191	0.003085	0.002647	0.002226	0.001925	0.000922	0.006191	0.00124

443141.55	3748525.84	0.006023	0.003002	0.002576	0.002167	0.001873	0.000898	0.006023	0.00120
443138.08	3748498.11	0.005611	0.002797	0.0024	0.002019	0.001745	0.000836	0.005611	0.00112
443150.79	3748472.68	0.005551	0.002767	0.002374	0.001997	0.001726	0.000827	0.005551	0.00111
443169.29	3748447.26	0.005524	0.002753	0.002362	0.001987	0.001718	0.000823	0.005524	0.00110
443183.15	3748419.52	0.005409	0.002696	0.002313	0.001946	0.001682	0.000806	0.005409	0.00108
443202.8	3748396.41	0.00545	0.002716	0.002331	0.001961	0.001695	0.000812	0.00545	0.00109
443224.76	3748373.29	0.005519	0.002751	0.00236	0.001986	0.001716	0.000822	0.005519	0.00110
443238.63	3748345.56	0.005409	0.002696	0.002314	0.001947	0.001683	0.000806	0.005409	0.00108
443112.66	3748590.56	0.006386	0.003183	0.002732	0.002298	0.001986	0.000952	0.006386	0.00128
443080.3	3748597.5	0.005939	0.00296	0.002541	0.002137	0.001847	0.000885	0.005939	0.00119
443072.21	3748572.07	0.005505	0.002744	0.002355	0.001981	0.001712	0.00082	0.005505	0.00110
443103.41	3748554.74	0.005826	0.002904	0.002492	0.002096	0.001812	0.000868	0.005826	0.00117
443093.01	3748532.78	0.005449	0.002716	0.002331	0.001961	0.001695	0.000812	0.005449	0.00109
444066.11	3748315.51	0.018319	0.009167	0.008365	0.007071	0.006039	0.002809	0.018319	0.00366
444098.47	3748350.18	0.016777	0.0084	0.007729	0.006537	0.005575	0.002583	0.016777	0.00336
444078.82	3748294.7	0.014829	0.007408	0.006586	0.005556	0.004769	0.002246	0.014829	0.00297
444089.22	3748273.9	0.012748	0.006364	0.005605	0.004725	0.004063	0.001923	0.012748	0.00255
444096.16	3748253.1	0.011362	0.005671	0.004972	0.00419	0.003606	0.00171	0.011362	0.00227
444111.18	3748321.29	0.013499	0.006743	0.005987	0.00505	0.004336	0.002044	0.013499	0.00270
444131.98	3748302.79	0.011166	0.005574	0.004901	0.004131	0.003554	0.001683	0.011166	0.00223
444135.45	3748284.3	0.010248	0.005115	0.004483	0.003778	0.003252	0.001542	0.010248	0.00205
443313.52	3748260.81	0.005524	0.002753	0.002365	0.001989	0.001719	0.000823	0.005524	0.00110
443230.72	3748275.87	0.004595	0.00229	0.001967	0.001655	0.00143	0.000685	0.004595	0.00092
443260.83	3748238.23	0.00457	0.002278	0.001957	0.001647	0.001423	0.000681	0.00457	0.00091
443274	3748215.65	0.004494	0.00224	0.001925	0.00162	0.0014	0.00067	0.004494	0.00090
443304.11	3748178.01	0.004352	0.002169	0.001866	0.00157	0.001356	0.000649	0.004352	0.00087
443198.73	3748330.44	0.004674	0.00233	0.002	0.001683	0.001454	0.000697	0.004674	0.00093
443155.44	3748373.72	0.004588	0.002287	0.001963	0.001651	0.001427	0.000684	0.004588	0.00092
443119.69	3748411.36	0.0045	0.002243	0.001926	0.00162	0.0014	0.000671	0.0045	0.00090
443100.87	3748441.47	0.004599	0.002292	0.001968	0.001655	0.001431	0.000685	0.004599	0.00092
443093.34	3748477.23	0.004923	0.002454	0.002106	0.001772	0.001531	0.000734	0.004923	0.00098
443080.17	3748501.69	0.004996	0.00249	0.002137	0.001798	0.001554	0.000745	0.004996	0.00100
443718.12	3747857.82	0.00566	0.002833	0.002594	0.002193	0.001872	0.000869	0.00566	0.00113
443737.76	3747882.38	0.005854	0.00293	0.002677	0.002263	0.001932	0.000898	0.005854	0.00117
443765.27	3747898.1	0.006162	0.003082	0.002785	0.002353	0.002013	0.000941	0.006162	0.00123
443754.46	3747918.73	0.005788	0.002899	0.002673	0.002261	0.001927	0.000892	0.005788	0.00116
443696.5	3747826.38	0.005399	0.002702	0.002478	0.002095	0.001788	0.00083	0.005399	0.00108
443672.93	3747804.77	0.005002	0.002506	0.002321	0.001964	0.001673	0.000773	0.005002	0.00100
443726.96	3747844.07	0.005911	0.002957	0.002678	0.002262	0.001935	0.000903	0.005911	0.00118
443710.26	3747771.37	0.005582	0.002793	0.002542	0.002148	0.001836	0.000855	0.005582	0.00112
443737.76	3747790.04	0.006195	0.003098	0.002795	0.002361	0.002021	0.000945	0.006195	0.00124

443746.61	3747808.7	0.006464	0.003231	0.002903	0.002451	0.0021	0.000984	0.006464	0.00129
443762.32	3747821.47	0.006929	0.003463	0.0031	0.002617	0.002243	0.001053	0.006929	0.00139
443787.87	3747845.05	0.007666	0.00383	0.003412	0.002879	0.00247	0.001162	0.007666	0.00153
443800.64	3747866.66	0.007831	0.003912	0.003476	0.002933	0.002517	0.001186	0.007831	0.00157
443806.53	3747929.53	0.006525	0.003261	0.00292	0.002464	0.002112	0.000992	0.006525	0.00130
443520.64	3747701.59	0.003421	0.001711	0.001543	0.001304	0.001116	0.000522	0.003421	0.00068
443551.64	3747661.73	0.003528	0.001764	0.001593	0.001345	0.001151	0.000538	0.003528	0.00071
443591.49	3747635.16	0.003706	0.001855	0.001697	0.001434	0.001225	0.000569	0.003706	0.00074
443836.47	3747717.7	0.012587	0.006289	0.0056	0.004725	0.004054	0.001908	0.012587	0.00252
443840.73	3747688.6	0.012609	0.006294	0.005531	0.004662	0.00401	0.0019	0.012609	0.00252
443841.44	3747663.76	0.011831	0.005904	0.005166	0.004352	0.003747	0.001779	0.011831	0.00237
443804.53	3747670.15	0.009658	0.004826	0.004309	0.003637	0.003119	0.001466	0.009658	0.00193
443787.49	3747657.37	0.00796	0.003982	0.003614	0.003054	0.002611	0.001218	0.00796	0.00159
443777.55	3747633.95	0.007179	0.00359	0.003245	0.002741	0.002345	0.001096	0.007179	0.00144
443744.9	3747619.04	0.006046	0.003029	0.002805	0.002374	0.002022	0.000934	0.006046	0.00121
443761.94	3747606.26	0.00653	0.003263	0.002918	0.002463	0.002112	0.000992	0.00653	0.00131
443844.28	3747623.3	0.010778	0.005376	0.004673	0.003935	0.003392	0.001616	0.010778	0.00216
443847.12	3747599.87	0.010736	0.005354	0.004636	0.003903	0.003367	0.001607	0.010736	0.00215
443852.79	3747578.58	0.011	0.005485	0.004735	0.003985	0.00344	0.001644	0.011	0.00220
443849.96	3747558	0.010516	0.005243	0.004521	0.003804	0.003285	0.00157	0.010516	0.00210
443849.96	3747537.41	0.010382	0.005176	0.004457	0.00375	0.00324	0.00155	0.010382	0.00208
443854.92	3747518.25	0.010585	0.005277	0.004539	0.003819	0.003299	0.001579	0.010585	0.00212
443847.12	3747495.53	0.009653	0.004812	0.004138	0.003481	0.003008	0.00144	0.009653	0.00193
443853.5	3747478.5	0.009924	0.004947	0.004251	0.003576	0.00309	0.00148	0.009924	0.00198
443850.67	3747457.2	0.009456	0.004713	0.004049	0.003406	0.002943	0.00141	0.009456	0.00189
443854.21	3747438.75	0.009458	0.004714	0.004047	0.003405	0.002943	0.00141	0.009458	0.00189
443849.96	3747397.58	0.00869	0.004331	0.003717	0.003127	0.002703	0.001295	0.00869	0.00174
443854.21	3747418.16	0.009179	0.004575	0.003927	0.003303	0.002855	0.001368	0.009179	0.00184
443853.5	3747378.41	0.008746	0.004359	0.00374	0.003146	0.002719	0.001303	0.008746	0.00175
443843.57	3747336.54	0.007738	0.003857	0.003308	0.002783	0.002406	0.001153	0.007738	0.00155
443836.47	3747315.24	0.007154	0.003565	0.003059	0.002573	0.002224	0.001066	0.007154	0.00143
443829.37	3747296.08	0.006605	0.003292	0.002824	0.002375	0.002053	0.000984	0.006605	0.00132
443827.95	3747274.07	0.006287	0.003133	0.002688	0.002261	0.001954	0.000937	0.006287	0.00126
443816.59	3747254.2	0.005601	0.002792	0.002395	0.002015	0.001741	0.000835	0.005601	0.00112
443805.95	3747236.45	0.005036	0.00251	0.002154	0.001812	0.001566	0.00075	0.005036	0.00101
443803.11	3747219.42	0.004731	0.002358	0.002023	0.001702	0.001471	0.000705	0.004731	0.00095
443838.6	3747186.06	0.005132	0.002558	0.002193	0.001845	0.001595	0.000764	0.005132	0.00103
443838.6	3747171.15	0.004783	0.002384	0.002045	0.00172	0.001487	0.000713	0.004783	0.00096
443970.69	3747984.97	0.008267	0.004124	0.003594	0.003027	0.002609	0.001241	0.008267	0.00165
443980.63	3747995.62	0.007755	0.003869	0.003374	0.002842	0.002449	0.001164	0.007755	0.00155
443994.83	3748014.08	0.00723	0.003608	0.003148	0.002652	0.002285	0.001086	0.00723	0.00145

444006.19	3748026.85	0.006956	0.003471	0.00303	0.002552	0.002199	0.001045	0.006956	0.00139
444016.83	3748040.34	0.006788	0.003387	0.002957	0.002491	0.002146	0.00102	0.006788	0.00136
444040.26	3748051.7	0.006626	0.003306	0.002884	0.002429	0.002093	0.000995	0.006626	0.00133
444048.78	3748065.89	0.006547	0.003267	0.002851	0.002401	0.002069	0.000983	0.006547	0.00131
444060.13	3748085.77	0.006591	0.003289	0.00287	0.002418	0.002083	0.00099	0.006591	0.00132
444079.3	3748100.68	0.006644	0.003315	0.002891	0.002435	0.002098	0.000997	0.006644	0.00133
444088.53	3748117	0.006865	0.003425	0.002986	0.002515	0.002167	0.001031	0.006865	0.00137
444101.3	3748132.62	0.007049	0.003517	0.003065	0.002582	0.002225	0.001058	0.007049	0.00141
444114.79	3748147.53	0.007154	0.003569	0.00311	0.002619	0.002257	0.001074	0.007154	0.00143
444129.7	3748161.72	0.007192	0.003588	0.003125	0.002632	0.002268	0.001079	0.007192	0.00144
444141.76	3748177.34	0.007237	0.003611	0.003144	0.002648	0.002282	0.001086	0.007237	0.00145
444158.09	3748180.89	0.00691	0.003447	0.003001	0.002527	0.002178	0.001037	0.00691	0.00138
444169.45	3748204.31	0.006955	0.00347	0.003022	0.002545	0.002193	0.001044	0.006955	0.00139
444190.03	3748217.09	0.006599	0.003292	0.002866	0.002414	0.002081	0.00099	0.006599	0.00132
444192.83	3748193.06	0.006179	0.003082	0.002682	0.002259	0.001947	0.000927	0.006179	0.00124
444195.33	3748122.7	0.00555	0.002768	0.002405	0.002025	0.001746	0.000832	0.00555	0.00111
444008.68	3747956.49	0.010129	0.005052	0.00438	0.003688	0.003181	0.001517	0.010129	0.00203
444019.33	3747969.98	0.008833	0.004406	0.003824	0.00322	0.002777	0.001323	0.008833	0.00177
444042.75	3747981.34	0.007951	0.003966	0.003442	0.002898	0.0025	0.001191	0.007951	0.00159
444051.27	3747995.53	0.007406	0.003694	0.003209	0.002702	0.00233	0.00111	0.007406	0.00148
444062.63	3748015.41	0.006903	0.003443	0.002993	0.00252	0.002173	0.001035	0.006903	0.00138
444081.79	3748030.32	0.006611	0.003298	0.002866	0.002414	0.002081	0.000991	0.006611	0.00132
444091.02	3748046.64	0.006434	0.003209	0.002791	0.00235	0.002026	0.000965	0.006434	0.00129
444103.8	3748062.26	0.006374	0.00318	0.002765	0.002328	0.002007	0.000956	0.006374	0.00127
444117.29	3748077.17	0.006284	0.003135	0.002726	0.002295	0.001979	0.000942	0.006284	0.00126
444132.19	3748091.36	0.00622	0.003102	0.002698	0.002272	0.001958	0.000932	0.00622	0.00124
444144.26	3748106.98	0.006194	0.00309	0.002687	0.002262	0.001951	0.000929	0.006194	0.00124
444160.59	3748110.53	0.006047	0.003016	0.002621	0.002207	0.001903	0.000906	0.006047	0.00121
444171.94	3748133.95	0.006024	0.003005	0.002612	0.0022	0.001897	0.000903	0.006024	0.00120
444192.53	3748146.73	0.005715	0.002851	0.002478	0.002087	0.001799	0.000857	0.005715	0.00114
444143.39	3748498.91	0.012954	0.006466	0.005676	0.004783	0.004116	0.001951	0.012954	0.00259
444154.04	3748512.39	0.012158	0.006069	0.005335	0.004497	0.003868	0.001832	0.012158	0.00243
444177.46	3748523.75	0.010989	0.00549	0.004888	0.004124	0.003539	0.001666	0.010989	0.00220
444185.98	3748537.95	0.010516	0.005253	0.004672	0.003942	0.003383	0.001593	0.010516	0.00210
444197.34	3748557.82	0.009867	0.004929	0.004379	0.003694	0.003171	0.001494	0.009867	0.00197
444216.5	3748572.73	0.009113	0.004555	0.004088	0.003451	0.002957	0.001386	0.009113	0.00182
444225.73	3748589.05	0.008705	0.004351	0.003898	0.00329	0.00282	0.001323	0.008705	0.00174
444238.51	3748604.67	0.008245	0.004122	0.003704	0.003127	0.002679	0.001255	0.008245	0.00165
444251.99	3748619.58	0.007811	0.003906	0.003527	0.002979	0.002549	0.001192	0.007811	0.00156
444266.9	3748633.77	0.007389	0.003697	0.003367	0.002845	0.002431	0.001132	0.007389	0.00148
444278.97	3748649.39	0.007037	0.003522	0.003224	0.002726	0.002327	0.001081	0.007037	0.00141

444295.29	3748652.94	0.006747	0.003385	0.003213	0.002724	0.00231	0.001055	0.006747	0.00135
444306.65	3748676.37	0.006391	0.003208	0.003064	0.002599	0.002201	0.001002	0.006391	0.00128
444237.65	3748593.44	0.008372	0.004188	0.003796	0.003207	0.002743	0.00128	0.008372	0.00167
444061.66	3748440.72	0.02294	0.011438	0.009874	0.008309	0.007174	0.003428	0.02294	0.00459
444085.08	3748452.08	0.0188	0.009376	0.008129	0.006844	0.005904	0.002815	0.0188	0.00376
444093.6	3748466.28	0.017509	0.008732	0.007572	0.006375	0.005499	0.002622	0.017509	0.00350
444104.96	3748486.15	0.015867	0.007914	0.006864	0.005779	0.004985	0.002376	0.015867	0.00317
444124.12	3748501.06	0.014168	0.007068	0.006149	0.005178	0.004464	0.002125	0.014168	0.00283
444133.35	3748517.39	0.013286	0.006628	0.005767	0.004856	0.004186	0.001992	0.013286	0.00266
444146.13	3748533	0.012261	0.006117	0.00533	0.004489	0.003869	0.00184	0.012261	0.00245
444159.61	3748547.91	0.01139	0.005683	0.004961	0.004179	0.0036	0.001711	0.01139	0.00228
444174.52	3748562.11	0.010605	0.005292	0.004632	0.003902	0.00336	0.001595	0.010605	0.00212
444186.59	3748577.72	0.009951	0.004966	0.004352	0.003667	0.003157	0.001497	0.009951	0.00199
444202.91	3748581.27	0.00941	0.004699	0.004148	0.003497	0.003006	0.001421	0.00941	0.00188
444214.27	3748604.7	0.008844	0.004416	0.003892	0.003281	0.002821	0.001334	0.008844	0.00177
444234.86	3748617.47	0.008203	0.004098	0.003642	0.003072	0.002637	0.001242	0.008203	0.00164
443957.64	3748095.6	0.007977	0.003984	0.003523	0.002971	0.002553	0.001205	0.007977	0.00160
CONCUNIT ug /m^3		0	0	0	0	0	0	0	0.00000
DEPUNIT g/m ^2		0	0	0	0	0	0	0	0.00000

Trails of Corona **tier IV**

Construction Annual DPM Emissions (as PM10 Exhaust)

Construction Scheduling	**2019**		
	8	hours/day	
	5	days/week	
	52	weeks/year	start from 1/1/2019
	2080	hours/year	

Onsite Construction Area Source Size (m2): 276500 from AERMOD

Onsite Construction PM10 Emissions

2019		**Onsite**	**Onsite**	**Onsite DPM**
	Construction Activity	**Annual DPM Exhaust Emissions (tons/year)**	**Annual DPM Exhaust Emissions (g/sec)**	**Source Exhaust Emissions (g/m2-sec)**
	Demolistion	9.200E-04	1.116E-04	4.035E-10
	Site Preparation	1.860E-03	2.255E-04	8.157E-10
	Grading	7.870E-03	9.543E-04	3.451E-09
	Building Construction	3.000E-04	3.638E-05	1.316E-10
	Total	**1.095E-02**	**1.328E-03**	**4.802E-09**

Offsite Construction Vehicle PM10 Emissions

2019		**Offsite Hauling**	**Offsite Vendor**	**Offsite Workers**	
	Construction Activity	**Annual DPM Exhaust Emissions (tons/year)**	**Annual DPM Exhaust Emissions (tons/year)**	**Annual DPM Exhaust Emissions (tons/year)**	
	Demolistion	1.000E-05	0.000E+00	2.000E-05	
	Site Preparation	0.000E+00	0.000E+00	4.000E-05	
	Grading	5.100E-04	0.000E+00	1.100E-04	
	Building Construction	0.000E+00	6.200E-04	1.900E-04	
	Total (tons/year)	**5.200E-04**	**6.200E-04**	**3.600E-04**	**1.500E-03**
	Trip Distance assumed in CalEEMod (mi)	20.0	7.3	10.8	
	Offsite Project Trip Distance Along Roadway Segment Project>Serfas Club Drive>US91 (mi)	0.21	0.21	0.21	
	Offsite Project Trip Distance Along Roadway Segment Project>Paseo Grande>US91 (mi)	1.37	1.37	1.37	
	Offsite Project Emissions Along Roadway Segment Project>Serfas Club Drive (tons/year)	**2.780E-06**	**9.080E-06**	**3.564E-06**	
	Offsite Project Emissions Along Roadway Segment Project>Paseo Grander (tons/year)	**1.786E-05**	**5.833E-05**	**2.289E-05**	

Offsite Emissions Along Roadway Segment Analyzed	
Total Offsite Project Exhaust Emissions (tons/year)	1.542E-05
Total Offsite Project Exhaust Emissions (grams/sec)	**1.870E-06**
Total Offsite Project Exhaust Emissions (tons/year)	9.907E-05
Total Offsite Project Exhaust Emissions (grams/sec)	**1.201E-05**

Onsite Exhaust Emissions (tons/year)	1.095E-02
Total Onsite Emissions (tons/year)	1.095E-02
Onsite Exhaust Emissions (g/m2-sec)	**4.802E-09**

Total PM@10 Exhaust (tons/year)	1.097E-02

	Site size (m2)	
PA1	45146	
PA3	145894.6	
PA6	85459.4	
Total	276500	

Trails of Corona **tier IV**

Construction Annual DPM Emissions (as PM10 Exhaust)

Construction Scheduling	**2020**	
	8	hours/day
	5	days/week
	52	weeks/year
	2080	hours/year

Onsite Construction Area Source Size (m2): 276500.00

Onsite Construction PM10 Emissions

2020		**Onsite**	**Onsite**	**Onsite DPM**
	Construction Activity	**Annual DPM**	**Annual DPM**	**Source Exhaust**
		Exhaust Emissions	**Exhaust Emissions**	**Emissions**
		(tons/year)	**(g/sec)**	**(g/m2-sec)**
	Building Construction	5.340E-03	6.475E-04	2.342E-09
	Total	**5.340E-03**	**6.475E-04**	**2.342E-09**

Offsite Construction Vehicle PM10 Emissions

2020		**Offsite Hauling**	**Offsite Vendor**	**Offsite Workers**	
		Annual DPM	**Annual DPM**	**Annual DPM**	
	Construction Activity	**Exhaust Emissions**	**Exhaust Emissions**	**Exhaust Emissions**	
		(tons/year)	**(tons/year)**	**(tons/year)**	
	Building Construction	0.000E+00	6.860E-03	2.900E-03	
	Total (tons/year)	**0.000E+00**	**6.860E-03**	**2.900E-03**	**9.760E-03**
	Trip Distance assumed in CalEEMod (mi)	20.0	7.3	10.8	
	Offsite Project Trip Distance Project>Serfas Club Drive>US91 (mi)	0.21	0.21	0.21	
	Offsite Project Trip Distance Along Roadway Segment Project>Paseo Grande>US91 (mi)	1.37	1.37	1.37	
	Offsite Project Emissions Along Roadway Segment Project>Serfas Club Drive (tons/year)	**0.000E+00**	**2.009E-04**	**5.741E-05**	
	Offsite Project Emissions Along Roadway Segment Project>Paseo Grander (tons/year)	**0.000E+00**	**1.291E-03**	**3.688E-04**	

Emissions Along Roadway Segment	
Offsite Project Exhaust Emissions (tons/year)	**2.583E-04**
Offsite Project Exhaust Emissions (grams/sec)	**3.133E-05**
Offsite Project Exhaust Emissions (tons/year)	**1.660E-03**
Offsite Project Exhaust Emissions (grams/sec)	**2.012E-04**

Onsite Exhaust Emissions (tons/year)	**5.340E-03**
Total Onsite Emissions (tons/year)	**5.340E-03**
Onsite Exhaust Emissions (g/m2-sec)	**2.342E-09**

Total PM@10 Exhaust (tons/year)	5.598E-03
Total PM10 (tons/year)	**5.598E-03**

	Site size	
PA1	45146	
PA3	145894.6	
PA6	85459.4	
	276500	

Trails of Corona **tier IV**

Construction Annual DPM Emissions (as PM10 Exhaust)

Construction Scheduling	**2021**
	8 hours/day
	5 days/week
	52 weeks/year
	2080 hours/year

Onsite Construction Area Source Size (m2): 276500.00

Onsite Construction PM10 Emissions

2021	**Construction Activity**	**Onsite Annual DPM Exhaust Emissions (tons/year)**	**Onsite Annual DPM Exhaust Emissions (g/sec)**	**Onsite DPM Source Exhaust Emissions (g/m2-sec)**
	Building Construction	5.320E-03	6.451E-04	2.333E-09
	Total	**5.320E-03**	**6.451E-04**	**2.333E-09**

Offsite Construction Vehicle PM10 Emissions

2021	**Construction Activity**	**Offsite Hauling Annual DPM Exhaust Emissions (tons/year)**	**Offsite Vendor Annual DPM Exhaust Emissions (tons/year)**	**Offsite Workers Annual DPM Exhaust Emissions (tons/year)**	
	Building Construction	0.000E+00	2.070E-03	2.900E-03	
	0				
	0				
	Total (tons/year)	**0.000E+00**	**2.070E-03**	**2.900E-03**	**4.970E-03**
	Trip Distance assumed in CalEEMod (mi)	20.0	7.3	10.8	
	Offsite Project Trip Distance Project>Serfas Club Drive>US91 (mi)	0.21	0.21	0.21	
	Offsite Project Trip Distance Along Roadway Segment Project>Paseo Grande>US91 (mi)	1.37	1.37	1.37	
	Offsite Project Emissions Project>Serfas Club Drive (tons/year)	**0.000E+00**	**6.063E-05**	**5.741E-05**	
	Offsite Project Emissions Along Roadway Segment Project>Paseo Grander (tons/year)	**0.000E+00**	**3.895E-04**	**3.688E-04**	

Emissions Along Roadway Segment	
Offsite Project Exhaust Emissions (tons/year)	**1.180E-04**
Offsite Project Exhaust Emissions (grams/sec)	**1.431E-05**
Offsite Project Exhaust Emissions (tons/year)	**7.583E-04**
Offsite Project Exhaust Emissions (grams/sec)	**9.195E-05**

Onsite Exhaust Emissions (tons/year)	**5.320E-03**
Total Onsite Emissions (tons/year)	**5.320E-03**
Onsite Exhaust Emissions (g/m2-sec)	**2.333E-09**

Total PM@10 Exhaust (tons/year)	5.438E-03
Total PM10 (tons/year)	**5.438E-03**

	Site size	
PA1	45146	
PA3	145894.6	
PA6	85459.4	
	276500	

Trails of Corona **tier IV**

Construction Annual DPM Emissions (as PM10 Exhaust)

Construction Scheduling	**2022**	
	8	hours/day
	5	days/week
	52	weeks/year
	2080	hours/year

Onsite Construction Area Source Size (m2): 276500.00

Onsite Construction PM10 Emissions

2022		**Onsite**	**Onsite**	**Onsite DPM**
	Construction Activity	**Annual DPM**	**Annual DPM**	**Source Exhaust**
		Exhaust Emissions	**Exhaust Emissions**	**Emissions**
		(tons/year)	**(g/sec)**	**(g/m2-sec)**
	Building Construction	5.300E-03	6.427E-04	2.324E-09
	Total	**5.300E-03**	**6.427E-04**	**2.324E-09**

Offsite Construction Vehicle PM10 Emissions

2022		**Offsite Hauling**	**Offsite Vendor**	**Offsite Workers**	
		Annual DPM	**Annual DPM**	**Annual DPM**	
	Construction Activity	**Exhaust Emissions**	**Exhaust Emissions**	**Exhaust Emissions**	
		(tons/year)	**(tons/year)**	**(tons/year)**	
	Building Construction	0.000E+00	1.740E-03	2.810E-03	
	0				
	0				
	Total (tons/year)	**0.000E+00**	**1.740E-03**	**2.810E-03**	**4.550E-03**
	Trip Distance assumed in CalEEMod (mi)	20.0	7.3	10.8	
	Offsite Project Trip Distance Project>Serfas Club Drive>US91 (mi)	0.21	0.21	0.21	
	Offsite Project Trip Distance Along Roadway Segment Project>Paseo Grande>US91 (mi)	1.37	1.37	1.37	
	Offsite Project Emissions Project>Serfas Club Drive (tons/year)	**0.000E+00**	**5.097E-05**	**5.563E-05**	
	Offsite Project Emissions Along Roadway Segment Project>Paseo Grander (tons/year)	**0.000E+00**	**3.274E-04**	**3.574E-04**	

Emissions Along Roadway Segment	
Offsite Project Exhaust Emissions (tons/year)	**1.066E-04**
Offsite Project Exhaust Emissions (grams/sec)	**1.293E-05**
Offsite Project Exhaust Emissions (tons/year)	**6.847E-04**
Offsite Project Exhaust Emissions (grams/sec)	**8.303E-05**

Onsite Exhaust Emissions (tons/year)	**5.300E-03**
Total Onsite Emissions (tons/year)	**5.300E-03**
Onsite Exhaust Emissions (g/m2-sec)	**2.324E-09**

Total PM@10 Exhaust (tons/year)	5.407E-03
Total PM10 (tons/year)	**5.407E-03**

	Site size	
PA1	45146	
PA3	145894.6	
PA6	85459.4	
	276500	

Trails of Corona **tier IV**

Construction Annual DPM Emissions (as PM10 Exhaust)

Construction Scheduling	**2023**
	8 hours/day
	5 days/week
	52 weeks/year
	2080 hours/year

Onsite Construction Area Source Size (m2): 276500.00

Onsite Construction PM10 Emissions

2023	**Construction Activity**	**Onsite Annual DPM Exhaust Emissions (tons/year)**	**Onsite Annual DPM Exhaust Emissions (g/sec)**	**Onsite DPM Source Exhaust Emissions (g/m2-sec)**
	Building Construction	5.300E-03	6.427E-04	2.324E-09
	Total	**5.300E-03**	**6.427E-04**	**2.324E-09**

Offsite Construction Vehicle PM10 Emissions

2023	**Construction Activity**	**Offsite Hauling Annual DPM Exhaust Emissions (tons/year)**	**Offsite Vendor Annual DPM Exhaust Emissions (tons/year)**	**Offsite Workers Annual DPM Exhaust Emissions (tons/year)**	
	Building Construction	0.000E+00	7.700E-04	2.740E-03	
	0				
	0				
	Total (tons/year)	**0.000E+00**	**7.700E-04**	**2.740E-03**	**3.510E-03**
	Trip Distance assumed in CalEEMod (mi)	20.0	7.3	10.8	
	Offsite Project Trip Distance Project>Serfas Club Drive>US91 (mi)	0.21	0.21	0.21	
	Offsite Project Trip Distance Along Roadway Segment Project>Paseo Grande>US91 (mi)	1.37	1.37	1.37	
	Offsite Project Emissions Project>Serfas Club Drive (tons/year)	**0.000E+00**	**2.255E-05**	**5.425E-05**	
	Offsite Project Emissions Along Roadway Segment Project>Paseo Grander (tons/year)	**0.000E+00**	**1.449E-04**	**3.485E-04**	

Emissions Along Roadway Segment	
Offsite Project Exhaust Emissions (tons/year)	**7.680E-05**
Offsite Project Exhaust Emissions (grams/sec)	**9.313E-06**
Offsite Project Exhaust Emissions (tons/year)	**4.933E-04**
Offsite Project Exhaust Emissions (grams/sec)	**5.982E-05**

Onsite Exhaust Emissions (tons/year)	**5.300E-03**
Total Onsite Emissions (tons/year)	**5.300E-03**
Onsite Exhaust Emissions (g/m2-sec)	**2.324E-09**

Total PM@10 Exhaust (tons/year)	5.377E-03
Total PM10 (tons/year)	**5.377E-03**

	Site size	
PA1	45146	
PA3	145894.6	
PA6	85459.4	
	145894.6	

Trails of Corona **tier IV**

Construction Annual DPM Emissions (as PM10 Exhaust)

Construction Scheduling	**2024**	
	8	hours/day
	5	days/week
	52	weeks/year
	2080	hours/year

Onsite Construction Area Source Size (m2): 276500.00

Onsite Construction PM10 Emissions

2024		**Onsite**	**Onsite**	**Onsite DPM**
	Construction Activity	**Annual DPM**	**Annual DPM**	**Source Exhaust**
		Exhaust Emissions	**Exhaust Emissions**	**Emissions**
		(tons/year)	**(g/sec)**	**(g/m2-sec)**
	Building Construction	1.040E-03	1.261E-04	4.561E-10
	Paving	2.060E-03	2.498E-04	9.034E-10
	Architectural Coating	1.500E-04	1.819E-05	6.578E-11
	Total	**3.250E-03**	**3.941E-04**	**1.425E-09**

Offsite Construction Vehicle PM10 Emissions

2024		**Offsite Hauling**	**Offsite Vendor**	**Offsite Workers**	
		Annual DPM	**Annual DPM**	**Annual DPM**	
	Construction Activity	**Exhaust Emissions**	**Exhaust Emissions**	**Exhaust Emissions**	
		(tons/year)	**(tons/year)**	**(tons/year)**	
	Building Construction	0.000E+00	1.500E-04	5.300E-04	
	Paving	0.000E+00	0.000E+00	5.000E-05	
	Architectural Coating	0.000E+00	0.000E+00	1.600E-04	
	Total (tons/year)	**0.000E+00**	**1.500E-04**	**7.400E-04**	**8.900E-04**
	Trip Distance assumed in CalEEMod (mi)	20.0	7.3	10.8	
	Offsite Project Trip Distance Project>Serfas Club Drive>US91 (mi)	0.21	0.21	0.21	
	Offsite Project Trip Distance Along Roadway Segment Project>Paseo Grande>US91 (mi)	1.37	1.37	1.37	
	Offsite Project Emissions Project>Dry Creek Rd>US101 (tons/year)	**0.000E+00**	**4.394E-06**	**1.465E-05**	
	Offsite Project Emissions Along Roadway Segment Project>Paseo Grander (tons/year)	**0.000E+00**	**2.822E-05**	**9.411E-05**	

Emissions Along Roadway Segment	
Offsite Project Exhaust Emissions (tons/year)	**1.904E-05**
Offsite Project Exhaust Emissions (grams/sec)	**2.309E-06**
Offsite Project Exhaust Emissions (tons/year)	**1.223E-04**
Offsite Project Exhaust Emissions (grams/sec)	**1.483E-05**

Onsite Exhaust Emissions (tons/year)	**3.250E-03**
Total Onsite Emissions (tons/year)	**3.250E-03**
Onsite Exhaust Emissions (g/m2-sec)	**1.425E-09**

Total PM@10 Exhaust (tons/year)	3.269E-03
Total PM10 (tons/year)	**3.269E-03**

	Site size	
PA1	45146	
PA3	145894.6	
PA6	85459.4	
	145894.6	

Trails of Corona

2019

tier IV

At Sensitive Receptors

Construction Annual DPM Emissions (as PM10 Exhaust)

X (m)	Y (m)	Onsite PA1,2 Annual DPM Exhaust w/Unit Emissions (ug/m3)	Onsite PA3 Annual DPM Exhaust w/Unit Emissions (ug/m3)	Onsite PA6 Annual DPM Exhaust w/Unit Emissions (ug/m3)	Onsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite L1 Annual DPM Exhaust w/Unit Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite L2 Annual DPM Exhaust w/Unit Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Total DPM (ug/m3)
443543.62	3748016.2	3051.87238	23345.5339	8759.53826	0.00017	0.07477	1.39839E-07	0.41552	4.99196E-06	0.00017
443581.38	3748016.2	2959.83062	24234.74963	9427.49943	0.00018	0.07287	1.36286E-07	0.52827	6.34651E-06	0.00018
443619.14	3748016.2	2891.7748	25446.23889	10240.70159	0.00019	0.07096	1.32713E-07	0.69873	8.39438E-06	0.00019
443656.9	3748016.2	2835.89562	26863.73701	11218.37479	0.00020	0.06920	1.29422E-07	0.98771	1.18661E-05	0.00021
443694.66	3748016.2	2791.06475	28608.81417	12436.29526	0.00021	0.06805	1.27271E-07	1.56020	1.87439E-05	0.00023
443732.42	3748016.2	2691.90488	29453.66909	13537.75947	0.00022	0.06551	1.22521E-07	3.41537	4.10315E-05	0.00026
443543.62	3748046.66	3176.71233	25600.87524	8119.79984	0.00018	0.07866	1.47114E-07	0.36211	4.35030E-06	0.00018
443581.38	3748046.66	3083.83924	26794.38569	8671.88591	0.00019	0.07661	1.43280E-07	0.44715	5.37196E-06	0.00019
443619.14	3748046.66	3009.35861	28311.84131	9321.08586	0.00020	0.07449	1.39315E-07	0.56902	6.83607E-06	0.00020
443656.9	3748046.66	2952.89132	30276.44204	10111.80976	0.00021	0.07289	1.36323E-07	0.75771	9.10295E-06	0.00022
443694.66	3748046.66	2907.90978	32798.48167	11102.69315	0.00022	0.07199	1.34640E-07	1.07871	1.29594E-05	0.00024
443732.42	3748046.66	2794.17962	34085.30233	11875.95554	0.00023	0.06933	1.29665E-07	1.85184	2.22476E-05	0.00026
443543.62	3748077.12	3328.86225	28534.79197	7541.22787	0.00019	0.08341	1.55998E-07	0.31914	3.83407E-06	0.00019
443581.38	3748077.12	3229.89668	30076.50646	8009.71103	0.00020	0.08112	1.51715E-07	0.38525	4.62830E-06	0.00020
443619.14	3748077.12	3150.09184	32073.81454	8536.6373	0.00021	0.07893	1.47619E-07	0.47585	5.71675E-06	0.00022
443656.9	3748077.12	3055.97759	34022.44818	9071.75121	0.00022	0.07628	1.42663E-07	0.61043	7.33356E-06	0.00023
443694.66	3748077.12	2993.17018	37118.65029	9771.44274	0.00024	0.07513	1.40512E-07	0.82192	9.87435E-06	0.00025
443732.42	3748077.12	2865.03975	39049.40445	10322.34596	0.00025	0.07229	1.35201E-07	1.24369	1.49414E-05	0.00027
443543.62	3748107.58	3502.01604	32208.57708	6954.32587	0.00020	0.08886	1.66191E-07	0.28422	3.41455E-06	0.00021
443581.38	3748107.58	3383.71567	34025.10475	7360.35812	0.00021	0.08600	1.60842E-07	0.33721	4.05116E-06	0.00022
443619.14	3748107.58	3254.89463	35777.73937	7729.26283	0.00022	0.08232	1.53960E-07	0.40813	4.90318E-06	0.00023
443656.9	3748107.58	3145.89465	38263.79007	8119.43727	0.00024	0.07943	1.48555E-07	0.50715	6.09278E-06	0.00024
443694.66	3748107.58	3073.1631	42346.72004	8628.02276	0.00026	0.07834	1.46516E-07	0.65526	7.87214E-06	0.00027
443732.42	3748107.58	2931.9767	45245.48883	9035.01454	0.00027	0.07534	1.40905E-07	0.91330	1.09722E-05	0.00029
443543.62	3748138.04	3667.91307	36297.6244	6416.33538	0.00022	0.09424	1.76253E-07	0.25588	3.07408E-06	0.00023
443581.38	3748138.04	3509.30105	38086.04408	6739.44277	0.00023	0.09014	1.68585E-07	0.29950	3.59812E-06	0.00024
443619.14	3748138.04	3362.02744	40314.22796	7012.8633	0.00024	0.08599	1.60823E-07	0.35541	4.26981E-06	0.00025
443656.9	3748138.04	3243.78664	43766.98158	7312.41523	0.00026	0.08313	1.55474E-07	0.43068	5.17409E-06	0.00027
443694.66	3748138.04	3153.43816	49055.84969	7660.8927	0.00029	0.08181	1.53006E-07	0.53911	6.47674E-06	0.00029
443732.42	3748138.04	3002.50082	53528.11537	7941.28152	0.00031	0.07872	1.47227E-07	0.71038	8.53434E-06	0.00032
443543.62	3748168.5	3819.07192	40743.90308	5928.71067	0.00024	0.09937	1.85847E-07	0.23252	2.79344E-06	0.00025
443581.38	3748168.5	3647.75085	43213.62564	6179.63709	0.00025	0.09492	1.77525E-07	0.26851	3.22582E-06	0.00026
443619.14	3748168.5	3479.88215	46161.94622	6395.9037	0.00027	0.09031	1.68903E-07	0.31357	3.76716E-06	0.00027
443656.9	3748168.5	3351.86714	51051.57587	6635.70475	0.00029	0.08751	1.63666E-07	0.37265	4.47693E-06	0.00030
443694.66	3748168.5	3240.24844	58085.17309	6841.91123	0.00033	0.08580	1.60468E-07	0.45466	5.46218E-06	0.00033
443732.42	3748168.5	3069.88166	64600.21408	7034.97983	0.00036	0.08219	1.53716E-07	0.57593	6.91909E-06	0.00037
444172.99	3747085.77	1124.248	5537.29292	22786.62495	0.00014	0.02206	4.12579E-08	0.05535	6.64962E-07	0.00014
444272.99	3747085.77	1105.42622	5470.57131	18776.98361	0.00012	0.02204	4.12205E-08	0.05310	6.37931E-07	0.00012
444372.99	3747085.77	1072.51835	5347.37275	15378.3127	0.00010	0.02195	4.10521E-08	0.05019	6.02971E-07	0.00011
444472.99	3747085.77	1030.77324	5191.26453	12673.2342	0.00009	0.02149	4.01918E-08	0.04684	5.62725E-07	0.00009
444572.99	3747085.77	982.00426	4991.87303	10547.78937	0.00008	0.02067	3.86582E-08	0.04363	5.24161E-07	0.00008
444672.99	3747085.77	931.27427	4780.50003	9051.4025	0.00007	0.01976	3.69563E-08	0.04146	4.98091E-07	0.00007
444772.99	3747085.77	880.41295	4525.96253	7927.10539	0.00006	0.01874	3.50486E-08	0.03956	4.75265E-07	0.00006
444872.99	3747085.77	834.79312	4243.34191	7076.60677	0.00006	0.01774	3.31784E-08	0.03783	4.54481E-07	0.00006
444972.99	3747085.77	795.88496	3961.93602	6387.36482	0.00005	0.01678	3.13829E-08	0.03597	4.32135E-07	0.00005
445072.99	3747085.77	765.4072	3715.39222	5833.96588	0.00005	0.01597	2.98680E-08	0.03416	4.10390E-07	0.00005
445172.99	3747085.77	742.27198	3506.94887	5363.81417	0.00005	0.01534	2.86897E-08	0.03255	3.91048E-07	0.00005
445272.99	3747085.77	724.64085	3339.4916	4966.31314	0.00004	0.01490	2.78668E-08	0.03124	3.75310E-07	0.00004
445372.99	3747085.77	707.55349	3192.07618	4584.90506	0.00004	0.01453	2.71748E-08	0.02991	3.59332E-07	0.00004
445472.99	3747085.77	688.78594	3057.7223	4223.00705	0.00004	0.01420	2.65577E-08	0.02848	3.42152E-07	0.00004
445572.99	3747085.77	669.26073	2941.38366	3912.57101	0.00004	0.01389	2.59779E-08	0.02711	3.25693E-07	0.00004
444172.99	3747185.77	1190.23635	6057.41673	39892.68254	0.00023	0.02369	4.43064E-08	0.06532	7.84739E-07	0.00023
444272.99	3747185.77	1159.73549	5969.25496	28941.84441	0.00017	0.02372	4.43625E-08	0.06178	7.42210E-07	0.00017
444372.99	3747185.77	1116.09126	5823.54282	21841.99379	0.00014	0.02340	4.37640E-08	0.05771	6.93314E-07	0.00014
444472.99	3747185.77	1061.60455	5597.33307	16885.90448	0.00011	0.02256	4.21930E-08	0.05309	6.37811E-07	0.00011
444572.99	3747185.77	1002.80892	5331.5639	13599.14824	0.00010	0.02149	4.01918E-08	0.04949	5.94561E-07	0.00010
444672.99	3747185.77	944.38678	5038.99839	11352.49283	0.00008	0.02033	3.80223E-08	0.04684	5.62725E-07	0.00008
444772.99	3747185.77	890.59268	4699.83349	9689.84901	0.00007	0.01912	3.57593E-08	0.04438	5.33171E-07	0.00007
444872.99	3747185.77	846.68151	4369.70217	8473.41777	0.00007	0.01802	3.37020E-08	0.04210	5.05780E-07	0.00007
444972.99	3747185.77	813.5447	4077.48474	7522.5788	0.00006	0.01710	3.19814E-08	0.03975	4.77547E-07	0.00006
445072.99	3747185.77	786.57406	3827.2335	6729.73167	0.00005	0.01637	3.06161E-08	0.03743	4.49675E-07	0.00005
445172.99	3747185.77	765.84194	3619.89091	6062.62149	0.00005	0.01584	2.96249E-08	0.03544	4.25768E-07	0.00005
445272.99	3747185.77	747.73501	3454.99214	5516.5447	0.00005	0.01547	2.89329E-08	0.03379	4.05945E-07	0.00005
445372.99	3747185.77	726.97167	3302.91493	5007.95056	0.00004	0.01511	2.82596E-08	0.03204	3.84921E-07	0.00004
445472.99	3747185.77	704.44936	3167.94277	4568.53015	0.00004	0.01474	2.75676E-08	0.03032	3.64257E-07	0.00004
445572.99	3747185.77	680.92543	3045.62749	4188.23067	0.00004	0.01435	2.68382E-08	0.02867	3.44435E-07	0.00004
444172.99	3747285.77	1256.6145	6680.89439	68973.29828	0.00037	0.02562	4.79160E-08	0.07905	9.49688E-07	0.00037
444272.99	3747285.77	1209.97629	6547.34011	44349.93318	0.00025	0.02541	4.75232E-08	0.07290	8.75804E-07	0.00025
444372.99	3747285.77	1152.73732	6342.65711	30810.15246	0.00018	0.02472	4.62328E-08	0.06724	8.07806E-07	0.00018
444472.99	3747285.77	1087.83647	6043.36642	22781.12149	0.00014	0.02360	4.41381E-08	0.06193	7.44013E-07	0.00014
444572.99	3747285.77	1020.13701	5688.77748	17704.80977	0.00012	0.02225	4.16132E-08	0.05743	6.89951E-07	0.00012
444672.99	3747285.77	956.8096	5284.16787	14238.78591	0.00010	0.02082	3.89388E-08	0.05363	6.44298E-07	0.00010
444772.99	3747285.77	904.85517	4874.40417	11811.73852	0.00008	0.01948	3.64326E-08	0.05026	6.03812E-07	0.00009
444872.99	3747285.77	865.96653	4518.62058	10065.55959	0.00007	0.01839	3.43940E-08	0.04709	5.65728E-07	0.00007
444972.99	3747285.77	836.24214	4211.31811	8683.65842	0.00007	0.01754	3.28043E-08	0.04381	5.26323E-07	0.00007
445072.99	3747285.77	813.23574	3964.07115	7615.41153	0.00006	0.01694	3.16822E-08	0.04098	4.92324E-07	0.00006
445172.99	3747285.77	791.53021	3758.52904	6741.90402	0.00005	0.01649	3.08405E-08	0.03856	4.63251E-07	0.00005
445272.99	3747285.77	768.29922	3586.21476	6018.83337	0.00005	0.01610	3.01111E-08	0.03638	4.37061E-07	0.00005
445372.99	3747285.77	743.38203	3437.96366	5415.49478	0.00005	0.01570	2.93630E-08	0.03428	4.11832E-07	0.00005
445472.99	3747285.77	717.66104	3308.64515	4908.57779	0.00004	0.01526	2.85401E-08	0.03228	3.87804E-07	0.00004
445572.99	3747285.77	692.04091	3190.68014	4466.57372	0.00004	0.01475	2.75863E-08	0.03037	3.64858E-07	0.00004
444172.99	3747385.77	1321.27395	7439.62047	105445.5743	0.00055	0.02775	5.18996E-08	0.10003	1.20174E-06	0.00055
444272.99	3747385.77	1257.59507	7250.13525	62981.92304	0.00034	0.02716	5.07962E-08	0.08976	1.07836E-06	0.00034
444372.99	3747385.77	1186.27783	6950.17143	41836.87467	0.00024	0.02607	4.87576E-08	0.08131	9.76839E-07	0.00024
444472.99	3747385.77	1110.86812	6540.70206	29961.67654	0.00018	0.02463	4.60644E-08	0.07400	8.89019E-07	0.00018
444572.99	3747385.77	1041.86193	6111.88748	22795.32879	0.00014	0.02312	4.32403E-08	0.06818	8.19099E-07	0.00014
444672.99	3747385.77	972.97719	5521.26344	17294.84762	0.00011	0.02124	3.97243E-08	0.06178	7.42210E-07	0.00012
444772.99	3747385.77	927.03805	5068.66833	13939.18625	0.00010	0.01990	3.72181E-08	0.05705	6.85385E-07	0.00010
444872.99	3747385.77	893.4208	4691.44696	11544.20396	0.00008	0.01891	3.53666E-08	0.05252	6.30963E-07	0.00008
444972.99	3747385.77	866.80667	4382.56418	9774.35552	0.00007	0.01820	3.40387E-08	0.04839	5.81346E-07	0.00007
445072.99	3747385.77	840.60711	4124.9581	8389.98896	0.00006	0.01765	3.30100E-08	0.04480	5.38217E-07	0.00006
445172.99	3747385.77	813.36166	3921.19507	7320.99595	0.00006	0.01719	3.21497E-08	0.04186	5.02896E-07	0.00006
445272.99	3747385.77	784.64879	3753.71071	6466.12494	0.00005	0.01671	3.12520E-08	0.03918	4.70699E-07	0.00005
445372.99	3747385.77	756.75623	3619.87508	5786.15186	0.00005	0.01622	3.03356E-08	0.03673	4.41266E-07	0.00005
445472.99	3747385.77	729.75328	3498.67852	5202.85859	0.00005	0.01566	2.92882E-08	0.03436	4.12793E-07	0.00005

445572.99	3747385.77	705.78531	3390.14477	4702.00866	0.00004	0.01511	2.82596E-08	0.03215	3.86243E-07	0.00004
444172.99	3747485.77	1383.04576	8389.98704	142103.9859	0.00073	0.03004	5.61825E-08	0.13369	1.60612E-06	0.00073
444272.99	3747485.77	1296.64265	8060.54109	80087.90425	0.00043	0.02878	5.38260E-08	0.11434	1.37365E-06	0.00043
444372.99	3747485.77	1213.99106	7624.54274	52553.87718	0.00029	0.02733	5.11141E-08	0.10152	1.21964E-06	0.00030
444472.99	3747485.77	1129.53704	7037.15777	36431.1248	0.00021	0.02543	4.75606E-08	0.08976	1.07836E-06	0.00022
444572.99	3747485.77	1053.01445	6362.79851	26144.4816	0.00016	0.02335	4.36705E-08	0.07937	9.53533E-07	0.00016
444672.99	3747485.77	996.88982	5765.01974	19727.37306	0.00013	0.02165	4.04911E-08	0.07116	8.54900E-07	0.00013
444772.99	3747485.77	959.40964	5301.12489	15681.32985	0.00011	0.02051	3.83590E-08	0.06475	7.77891E-07	0.00011
444872.99	3747485.77	927.77931	4904.56525	12769.0317	0.00009	0.01967	3.67880E-08	0.05868	7.04968E-07	0.00009
444972.99	3747485.77	897.37981	4591.65364	10657.72468	0.00008	0.01904	3.56097E-08	0.05351	6.42857E-07	0.00008
445072.99	3747485.77	864.43361	4343.27717	9042.23045	0.00007	0.01845	3.45062E-08	0.04918	5.90837E-07	0.00007
445172.99	3747485.77	830.78398	4150.80002	7808.83072	0.00006	0.01786	3.34028E-08	0.04553	5.46987E-07	0.00006
445272.99	3747485.77	798.88768	3996.27684	6844.40302	0.00006	0.01725	3.22619E-08	0.04224	5.07461E-07	0.00006
445372.99	3747485.77	771.11051	3869.66362	6072.03217	0.00005	0.01665	3.11398E-08	0.03924	4.71420E-07	0.00005
445472.99	3747485.77	749.32068	3766.6271	5441.80143	0.00005	0.01611	3.01298E-08	0.03655	4.39103E-07	0.00005
445572.99	3747485.77	733.92534	3681.13309	4916.35083	0.00004	0.01568	2.93256E-08	0.03417	4.10510E-07	0.00005
444172.99	3747585.77	1437.9141	9586.96999	170829.7189	0.00087	0.03234	6.04841E-08	0.18696	2.24609E-06	0.00088
444272.99	3747585.77	1329.13815	9003.70074	90641.52801	0.00048	0.03030	5.66688E-08	0.15077	1.81132E-06	0.00049
444372.99	3747585.77	1236.35047	8323.9355	58308.30985	0.00033	0.02834	5.30031E-08	0.12793	1.53692E-06	0.00033
444472.99	3747585.77	1150.32106	7520.79612	39544.40839	0.00023	0.02601	4.86454E-08	0.10883	1.30746E-06	0.00023
444572.99	3747585.77	1080.41888	6707.91901	27927.87843	0.00017	0.02381	4.45308E-08	0.09311	1.11860E-06	0.00017
444672.99	3747585.77	1035.85231	6097.41158	21239.50242	0.00014	0.02241	4.19125E-08	0.08247	9.90775E-07	0.00014
444772.99	3747585.77	999.80703	5596.74372	16789.66376	0.00011	0.02144	4.00983E-08	0.07370	8.85415E-07	0.00011
444872.99	3747585.77	962.18931	5193.16541	13567.13534	0.00009	0.02064	3.86021E-08	0.06575	7.89905E-07	0.00010
444972.99	3747585.77	922.75705	4895.80146	11220.27755	0.00008	0.01991	3.72368E-08	0.05923	7.11575E-07	0.00008
445072.99	3747585.77	884.66006	4680.99338	9500.97782	0.00007	0.01921	3.59276E-08	0.05412	6.50185E-07	0.00007
445172.99	3747585.77	848.64442	4493.57592	8146.80467	0.00006	0.01847	3.45436E-08	0.04952	5.94922E-07	0.00007
445272.99	3747585.77	820.51048	4347.52438	7113.74493	0.00006	0.01781	3.33093E-08	0.04555	5.47227E-07	0.00006
445372.99	3747585.77	800.70816	4227.73479	6290.37031	0.00005	0.01728	3.23180E-08	0.04205	5.05179E-07	0.00005
445472.99	3747585.77	787.69508	4118.98956	5609.18457	0.00005	0.01686	3.15325E-08	0.03892	4.67576E-07	0.00005
445572.99	3747585.77	782.73177	4038.70774	5066.73268	0.00005	0.01665	3.11398E-08	0.03635	4.36700E-07	0.00005
444172.99	3747685.77	1488.67221	11160.44615	146212.969	0.00076	0.03471	6.49166E-08	0.26299	3.15950E-06	0.00077
444272.99	3747685.77	1365.39316	10170.22241	84973.66809	0.00046	0.03194	5.97360E-08	0.19937	2.39518E-06	0.00047
444372.99	3747685.77	1266.13703	9123.68864	55340.38764	0.00032	0.02926	5.47237E-08	0.15950	1.91620E-06	0.00032
444472.99	3747685.77	1184.79016	8082.39616	37819.67038	0.00023	0.02664	4.98236E-08	0.13013	1.56335E-06	0.00023
444572.99	3747685.77	1125.80177	7184.63773	27439.749	0.00017	0.02469	4.61766E-08	0.10917	1.31154E-06	0.00017
444672.99	3747685.77	1080.78322	6499.21677	21114.87645	0.00014	0.02346	4.38762E-08	0.09476	1.13842E-06	0.00014
444772.99	3747685.77	1035.90524	5996.70967	16772.23625	0.00011	0.02249	4.20621E-08	0.08299	9.97022E-07	0.00012
444872.99	3747685.77	990.43401	5653.13373	13678.82	0.00010	0.02163	4.04537E-08	0.07335	8.81210E-07	0.00010
444972.99	3747685.77	946.04211	5382.43703	11357.05217	0.00008	0.02075	3.88078E-08	0.06553	7.87262E-07	0.00009
445072.99	3747685.77	909.32308	5164.41244	9628.84667	0.00008	0.01995	3.73116E-08	0.05928	7.12176E-07	0.00008
445172.99	3747685.77	882.20428	4975.57506	8290.38783	0.00007	0.01926	3.60212E-08	0.05385	6.46941E-07	0.00007
445272.99	3747685.77	864.36325	4808.20686	7225.46374	0.00006	0.01872	3.50112E-08	0.04904	5.89155E-07	0.00006
445372.99	3747685.77	854.41637	4660.22626	6369.5709	0.00006	0.01834	3.43005E-08	0.04490	5.39418E-07	0.00006
445472.99	3747685.77	849.98357	4524.94243	5674.95805	0.00005	0.01813	3.39078E-08	0.04140	4.97370E-07	0.00005
445572.99	3747685.77	848.34114	4394.77545	5106.08155	0.00005	0.01804	3.37394E-08	0.03849	4.62410E-07	0.00005
444172.99	3747785.77	1531.1163	13070.81093	102122.2425	0.00056	0.03674	6.87132E-08	0.34689	4.16746E-06	0.00056
444272.99	3747785.77	1407.89752	11534.71221	65058.65416	0.00037	0.03334	6.23544E-08	0.24961	2.99876E-06	0.00038
444372.99	3747785.77	1323.51087	10301.79076	45940.13319	0.00028	0.03061	5.72486E-08	0.19359	2.32575E-06	0.00028
444472.99	3747785.77	1241.98267	8882.96005	32615.00962	0.00021	0.02781	5.20118E-08	0.15321	1.84063E-06	0.00021
444572.99	3747785.77	1180.55818	7850.63455	24695.14435	0.00016	0.02604	4.87015E-08	0.12656	1.52046E-06	0.00016
444672.99	3747785.77	1123.26179	7163.54281	19453.80736	0.00013	0.02474	4.62702E-08	0.10760	1.29268E-06	0.00013
444772.99	3747785.77	1070.38866	6733.65929	15846.07809	0.00011	0.02370	4.43251E-08	0.09314	1.11896E-06	0.00011
444872.99	3747785.77	1021.21501	6368.02983	13089.82996	0.00010	0.02266	4.23800E-08	0.08129	9.76599E-07	0.00010
444972.99	3747785.77	982.49131	6043.34627	10993.78966	0.00009	0.02173	4.06407E-08	0.07199	8.64871E-07	0.00009
445072.99	3747785.77	956.65728	5763.07942	9379.34442	0.00008	0.02098	3.92380E-08	0.06433	7.72846E-07	0.00008
445172.99	3747785.77	944.81446	5550.83454	8149.11831	0.00007	0.02054	3.84151E-08	0.05800	6.96798E-07	0.00007
445272.99	3747785.77	938.3807	5341.81905	7133.21892	0.00006	0.02023	3.78353E-08	0.05243	6.29882E-07	0.00007
445372.99	3747785.77	933.68575	5131.72788	6296.31431	0.00006	0.02002	3.74425E-08	0.04772	5.73297E-07	0.00006
445472.99	3747785.77	930.46728	4936.22952	5622.95865	0.00006	0.01993	3.72742E-08	0.04391	5.27524E-07	0.00006
445572.99	3747785.77	924.77233	4738.00495	5064.93979	0.00005	0.01984	3.71059E-08	0.04072	4.89201E-07	0.00005
444172.99	3747885.77	1585.61859	15543.21937	64308.32987	0.00039	0.03863	7.22480E-08	0.39920	4.79590E-06	0.00040
444272.99	3747885.77	1475.66222	13491.93101	44370.30796	0.00028	0.03495	6.53655E-08	0.28693	3.44711E-06	0.00029
444372.99	3747885.77	1393.05724	11754.1245	33300.10573	0.00022	0.03207	5.99791E-08	0.22063	2.65060E-06	0.00023
444472.99	3747885.77	1309.67667	10119.43068	25560.60229	0.00018	0.02955	5.52666E-08	0.17503	2.10277E-06	0.00018
444572.99	3747885.77	1228.89015	8970.57017	20133.21055	0.00015	0.02751	5.14508E-08	0.14200	1.70595E-06	0.00015
444672.99	3747885.77	1165.13015	8298.90767	16622.61853	0.00013	0.02616	4.89259E-08	0.11994	1.44093E-06	0.00013
444772.99	3747885.77	1114.56631	7759.65619	13980.01892	0.00011	0.02502	4.67938E-08	0.10281	1.23514E-06	0.00011
444872.99	3747885.77	1077.2648	7262.94826	11849.14572	0.00010	0.02402	4.49236E-08	0.08912	1.07067E-06	0.00010
444972.99	3747885.77	1054.6806	6838.90895	10154.7542	0.00009	0.02326	4.35022E-08	0.07823	9.39837E-07	0.00009
445072.99	3747885.77	1042.4941	6474.28476	8791.53801	0.00008	0.02275	4.25483E-08	0.06914	8.30632E-07	0.00008
445172.99	3747885.77	1039.70039	6185.7845	7728.26775	0.00007	0.02253	4.21369E-08	0.06184	7.42931E-07	0.00007
445272.99	3747885.77	1035.67702	5896.451	6838.37094	0.00007	0.02239	4.18751E-08	0.05570	6.69167E-07	0.00007
445372.99	3747885.77	1027.10398	5602.43959	6092.35563	0.00006	0.02222	4.15571E-08	0.05065	6.08497E-07	0.00006
445472.99	3747885.77	1010.9558	5298.09245	5456.48662	0.00006	0.02194	4.10334E-08	0.04643	5.57799E-07	0.00006
445572.99	3747885.77	991.63174	5019.17209	4935.16584	0.00005	0.02160	4.03976E-08	0.04293	5.15751E-07	0.00005
444172.99	3747985.77	1707.58877	20475.94383	33741.17115	0.00027	0.04201	7.85695E-08	0.41060	4.93285E-06	0.00027
444272.99	3747985.77	1566.92049	16614.33833	26388.75869	0.00021	0.03701	6.92182E-08	0.30811	3.70156E-06	0.00022
444372.99	3747985.77	1454.7429	13787.44059	21314.31826	0.00018	0.03347	6.25975E-08	0.23882	2.86913E-06	0.00018
444472.99	3747985.77	1361.83119	11983.33946	17876.7927	0.00015	0.03110	5.81650E-08	0.19035	2.28682E-06	0.00015
444572.99	3747985.77	1286.39035	10734.83623	15332.35421	0.00013	0.02935	5.48920E-08	0.15688	1.88472E-06	0.00013
444672.99	3747985.77	1232.64051	9765.00264	13308.31792	0.00012	0.02799	5.23485E-08	0.13180	1.58341E-06	0.00012
444772.99	3747985.77	1199.60838	8979.4346	11618.55254	0.00010	0.02696	5.04221E-08	0.11205	1.34614E-06	0.00011
444872.99	3747985.77	1183.0211	8344.97632	10205.36755	0.00009	0.02625	4.90942E-08	0.09580	1.16293E-06	0.00010
444972.99	3747985.77	1171.7101	7776.59411	8982.06651	0.00009	0.02574	4.81404E-08	0.08421	1.01168E-06	0.00009
445072.99	3747985.77	1162.931	7282.71936	7965.31266	0.00008	0.02542	4.75419E-08	0.07395	8.88418E-07	0.00008
445172.99	3747985.77	1148.37787	6808.76707	7090.52474	0.00007	0.02509	4.69247E-08	0.06553	7.87262E-07	0.00007
445272.99	3747985.77	1131.41175	6394.31645	6372.62898	0.00007	0.02478	4.63450E-08	0.05897	7.08452E-07	0.00007
445372.99	3747985.77	1104.56957	5983.90079	5741.95306	0.00006	0.02430	4.54472E-08	0.05352	6.42977E-07	0.00006
445472.99	3747985.77	1070.29067	5593.65529	5193.47587	0.00006	0.02365	4.42316E-08	0.04895	5.88074E-07	0.00006
445572.99	3747985.77	1034.06837	5248.93211	4730.81121	0.00005	0.02294	4.29037E-08	0.04509	5.41701E-07	0.00005
444172.99	3748085.77	1802.43137	27833.6469	15405.79999	0.00022	0.04402	8.23287E-08	0.46067	5.53438E-06	0.00022
444272.99	3748085.77	1646.29538	21282.15295	14076.25244	0.00018	0.03887	7.26969E-08	0.33691	4.04756E-06	0.00018
444372.99	3748085.77	1530.8321	17337.85087	13072.84229	0.00015	0.03573	6.68243E-08	0.26059	3.13067E-06	0.00016
444472.99	3748085.77	1447.0913	14808.27709	12086.39072	0.00014	0.03360	6.28406E-08	0.20921	2.51340E-06	0.00014
444572.99	3748085.77	1392.18349	12969.01534	11097.69675	0.00012	0.03201	5.98669E-08	0.17218	2.06853E-06	0.00012
444672.99	3748085.77	1362.18821	11586.859	10152.81424	0.00011	0.03087	5.77348E-08	0.14362	1.72542E-06	0.00011
444772.99	3748085.77	1347.00485	10512.90903	9274.34368	0.00010	0.03012	5.63321E-08	0.12165	1.46147E-06	0.00010
444872.99	3748085.77	1333.37944	9605.65642	8449.48367	0.00009	0.02957	5.53035E-08	0.10434	1.25352E-06	0.00009
444972.99	3748085.77	1310.29585	8771.35153	7664.01514	0.00009	0.02899	5.42188E-08	0.08995	1.08064E-06	0.00009
445072.99	3748085.77	1279.44896	8035.72515	6961.06684	0.00008	0.02836	5.30405E-08	0.07846	9.42600E-07	0.00008
445172.99	3748085.77	1241.37649	7388.14129	6337.08228	0.00007	0.02764	5.16939E-08	0.06946	8.34476E-07	0.00007
445272.99	3748085.77	1197.73914	6818.53871	5783.2297	0.00007	0.02681	5.01416E-08	0.06231	7.48578E-07	0.00007
445372.99	3748085.77	1151.70573	6322.61575	5294.33027	0.00006	0.02588	4.84023E-08	0.05644	6.78057E-07	0.00006
445472.99	3748085.77	1103.09941	5874.79687	4852.56997	0.00006	0.02486	4.64946E-08	0.05147	6.18349E-07	0.00006
445572.99	3748085.77	1056.09123	5481.83975	4461.71822	0.00005	0.02383	4.45682E-08	0.04727	5.67891E-07	0.00005
444172.99	3748185.77	1915.60043	40477.63588	8526.90006	0.00024	0.04679	8.75093E-08	0.60565	7.27614E-06	0.00025

444272.99	3748185.77	1768.3299	28901.68797	8317.20089	0.00019	0.04240	7.92989E-08	0.40770	4.89801E-06	0.00019
444372.99	3748185.77	1669.435	22593.53929	8231.53527	0.00016	0.03952	7.39126E-08	0.30168	3.62431E-06	0.00016
444472.99	3748185.77	1614.23002	18659.43036	8086.63335	0.00014	0.03761	7.03404E-08	0.23633	2.83921E-06	0.00014
444572.99	3748185.77	1583.05453	15925.9509	7862.50344	0.00012	0.03625	6.77968E-08	0.19159	2.30172E-06	0.00012
444672.99	3748185.77	1555.00865	13844.0055	7544.47455	0.00011	0.03515	6.57395E-08	0.15744	1.89145E-06	0.00011
444772.99	3748185.77	1519.30681	12175.3323	7159.26973	0.00010	0.03416	6.38880E-08	0.13147	1.57945E-06	0.00010
444872.99	3748185.77	1481.16778	10886.00608	6787.0065	0.00009	0.03334	6.23544E-08	0.11188	1.34410E-06	0.00009
444972.99	3748185.77	1423.31008	9715.2283	6347.79393	0.00008	0.03219	6.02036E-08	0.09567	1.14936E-06	0.00009
445072.99	3748185.77	1360.61272	8744.7336	5922.46841	0.00008	0.03094	5.78658E-08	0.08323	9.99906E-07	0.00008
445172.99	3748185.77	1296.42072	7932.21196	5515.03235	0.00007	0.02963	5.54157E-08	0.07356	8.83733E-07	0.00007
445272.99	3748185.77	1234.98451	7254.20704	5133.14095	0.00007	0.02830	5.29283E-08	0.06580	7.90506E-07	0.00007
445372.99	3748185.77	1177.14078	6676.31211	4774.16254	0.00006	0.02698	5.04595E-08	0.05937	7.13257E-07	0.00006
445472.99	3748185.77	1124.00208	6180.01217	4440.95005	0.00006	0.02572	4.81030E-08	0.05401	6.48864E-07	0.00006
445572.99	3748185.77	1075.82839	5750.50998	4134.67777	0.00005	0.02454	4.58961E-08	0.04953	5.95042E-07	0.00005
444172.99	3748285.77	2118.10099	59306.72649	5777.3739	0.00032	0.05242	9.80389E-08	0.98862	1.18770E-05	0.00033
444272.99	3748285.77	2006.28404	40058.54076	5643.56956	0.00023	0.04861	9.09132E-08	0.56263	6.75931E-06	0.00024
444372.99	3748285.77	1941.04574	29894.54654	5664.8526	0.00018	0.04597	8.59757E-08	0.38356	4.60800E-06	0.00018
444472.99	3748285.77	1884.80947	23563.44294	5676.28496	0.00015	0.04379	8.18986E-08	0.28349	3.40578E-06	0.00015
444572.99	3748285.77	1825.83664	19325.01317	5671.43614	0.00013	0.04200	7.85508E-08	0.22057	2.64988E-06	0.00013
444672.99	3748285.77	1752.09498	16216.80819	5617.51177	0.00011	0.04026	7.52965E-08	0.17608	2.11538E-06	0.00012
444772.99	3748285.77	1672.18375	13912.85882	5528.84924	0.00010	0.03860	7.21919E-08	0.14436	1.73431E-06	0.00010
444872.99	3748285.77	1581.08291	12059.38278	5362.31422	0.00009	0.03672	6.86758E-08	0.12005	1.44225E-06	0.00009
444972.99	3748285.77	1490.79243	10593.22864	5157.15035	0.00008	0.03479	6.50662E-08	0.10194	1.22468E-06	0.00008
445072.99	3748285.77	1408.76667	9440.35347	4938.56733	0.00008	0.03294	6.16063E-08	0.08842	1.06226E-06	0.00008
445172.99	3748285.77	1332.08673	8486.66727	4699.16322	0.00007	0.03112	5.82024E-08	0.07778	9.34431E-07	0.00007
445272.99	3748285.77	1266.06574	7717.28986	4463.7769	0.00006	0.02948	5.51352E-08	0.06932	8.32794E-07	0.00007
445372.99	3748285.77	1206.18127	7065.92375	4225.09324	0.00006	0.02795	5.22737E-08	0.06240	7.49659E-07	0.00006
445472.99	3748285.77	1152.62809	6513.85922	3981.19667	0.00006	0.02656	4.96740E-08	0.05666	6.80700E-07	0.00006
445572.99	3748285.77	1104.04759	6039.46858	3757.37984	0.00005	0.02530	4.73175E-08	0.05178	6.22073E-07	0.00005
444172.99	3748385.77	2513.65421	82066.13652	4392.13771	0.00043	0.06248	1.16854E-07	2.70863	3.25408E-05	0.00046
444272.99	3748385.77	2393.19304	51744.79574	4264.10176	0.00028	0.05785	1.08194E-07	0.93435	1.12251E-05	0.00029
444372.99	3748385.77	2279.45946	36861.58814	4220.30373	0.00021	0.05419	1.01349E-07	0.53232	6.39517E-06	0.00021
444472.99	3748385.77	2157.52835	28094.11811	4242.51604	0.00017	0.05107	9.55140E-08	0.35952	4.31919E-06	0.00017
444572.99	3748385.77	2020.67441	22244.6031	4253.94561	0.00014	0.04800	8.97723E-08	0.26123	3.13836E-06	0.00014
444672.99	3748385.77	1889.98962	18256.08833	4279.21819	0.00012	0.04514	8.44234E-08	0.20011	2.40407E-06	0.00012
444772.99	3748385.77	1767.44528	15369.15643	4321.67799	0.00010	0.04235	7.92054E-08	0.15894	1.90947E-06	0.00011
444872.99	3748385.77	1652.01782	13161.86466	4279.17515	0.00009	0.03959	7.40465E-08	0.13002	1.56203E-06	0.00009
444972.99	3748385.77	1543.25989	11408.49015	4164.27836	0.00008	0.03688	6.89751E-08	0.10910	1.31070E-06	0.00008
445072.99	3748385.77	1456.44304	10102.26678	4091.61862	0.00008	0.03459	6.46922E-08	0.09406	1.13001E-06	0.00008
445172.99	3748385.77	1375.37141	9017.93958	3962.07065	0.00007	0.03245	6.06898E-08	0.08225	9.88132E-07	0.00007
445272.99	3748385.77	1306.52022	8155.0849	3827.88813	0.00006	0.03060	5.72299E-08	0.07301	8.77125E-07	0.00006
445372.99	3748385.77	1244.45964	7437.39334	3684.1062	0.00006	0.02896	5.41626E-08	0.06545	7.86301E-07	0.00006
445472.99	3748385.77	1189.29166	6841.10569	3541.14835	0.00006	0.02752	5.14695E-08	0.05909	7.09893E-07	0.00006
445572.99	3748385.77	1135.06167	6308.66966	3381.46393	0.00005	0.02613	4.88698E-08	0.05365	6.44539E-07	0.00005
444172.99	3748485.77	3011.36177	83150.91992	3523.23516	0.00043	0.07524	1.40718E-07	5.06212	6.08151E-05	0.00049
444272.99	3748485.77	2777.79534	55937.88759	3417.9526	0.00030	0.06870	1.28487E-07	2.14399	2.57574E-05	0.00032
444372.99	3748485.77	2565.33277	40638.10831	3379.88072	0.00022	0.06349	1.18743E-07	0.83445	1.00249E-05	0.00023
444472.99	3748485.77	2354.21858	30805.99052	3370.61797	0.00018	0.05844	1.09298E-07	0.48158	5.78559E-06	0.00018
444572.99	3748485.77	2163.07013	24274.76994	3383.48808	0.00014	0.05371	1.00452E-07	0.32045	3.84981E-06	0.00015
444672.99	3748485.77	1994.95425	19729.75681	3403.83622	0.00012	0.04936	9.23159E-08	0.23094	2.77446E-06	0.00012
444772.99	3748485.77	1848.78807	16442.81857	3421.43112	0.00010	0.04543	8.49658E-08	0.17660	2.12163E-06	0.00011
444872.99	3748485.77	1726.99516	14042.1499	3440.96094	0.00009	0.04206	7.86630E-08	0.14200	1.70595E-06	0.00009
444972.99	3748485.77	1614.62206	12143.97471	3424.85327	0.00008	0.03897	7.28839E-08	0.11790	1.41642E-06	0.00008
445072.99	3748485.77	1512.44076	10627.86719	3378.61136	0.00007	0.03620	6.77033E-08	0.10022	1.20402E-06	0.00008
445172.99	3748485.77	1428.67211	9474.14891	3335.67036	0.00007	0.03394	6.34765E-08	0.08706	1.04592E-06	0.00007
445272.99	3748485.77	1350.40526	8509.38105	3265.21457	0.00006	0.03188	5.96238E-08	0.07651	9.19173E-07	0.00006
445372.99	3748485.77	1284.8496	7747.48942	3188.26356	0.00006	0.03017	5.64257E-08	0.06798	8.16696E-07	0.00006
445472.99	3748485.77	1222.37684	7085.93712	3092.42725	0.00005	0.02856	5.34145E-08	0.06088	7.31398E-07	0.00006
445572.99	3748485.77	1166.28212	6528.04756	2989.54208	0.00005	0.02714	5.07588E-08	0.05492	6.59796E-07	0.00005
443047.86	3748855.7	190174.5226	18196.80576	1641.54633	0.00101	1.16706	2.18270E-06	0.03895	4.67936E-07	0.00101
443030.11	3748868.74	184254.9587	16749.62766	1617.5993	0.00097	0.99029	1.85210E-06	0.03798	4.56283E-07	0.00098
443016.91	3748884.58	203035.7233	15588.83216	1589.36118	0.00106	0.88024	1.64628E-06	0.03706	4.45230E-07	0.00106
442999.31	3748898.66	195011.5904	14423.93489	1564.84863	0.00101	0.76221	1.42553E-06	0.03613	4.34057E-07	0.00102
442983.47	3748918.02	205571.7397	13322.93335	1533.25072	0.00106	0.67038	1.25378E-06	0.03512	4.21923E-07	0.00106
442962.35	3748934.74	188450.7191	12265.33817	1506.50456	0.00097	0.57481	1.07504E-06	0.03412	4.09910E-07	0.00097
442947.39	3748948.82	179669.2634	11564.63063	1485.79976	0.00093	0.51727	9.67428E-07	0.03340	4.01260E-07	0.00093
442935.07	3748963.78	179765.3886	10973.87451	1464.39467	0.00092	0.47339	8.85361E-07	0.03274	3.93331E-07	0.00092
442916.59	3748985.78	182759.8373	10163.4199	1430.48463	0.00093	0.41469	7.75577E-07	0.03171	3.80957E-07	0.00093
442898.98	3749001.62	166165.2462	9568.67289	1406.55848	0.00085	0.36979	6.91602E-07	0.03093	3.71586E-07	0.00085
442881.38	3749017.46	144890.2507	9063.47311	1387.09959	0.00075	0.33228	6.21449E-07	0.03026	3.63537E-07	0.00075
442868.18	3749033.31	132084.8152	8658.13896	1366.99064	0.00068	0.30498	5.70391E-07	0.02966	3.56328E-07	0.00068
442854.1	3749046.51	110472.4729	8315.03159	1351.69906	0.00058	0.28105	5.25636E-07	0.02915	3.50201E-07	0.00058
442832.98	3749062.35	77249.39488	7884.04111	1332.76221	0.00042	0.25129	4.69977E-07	0.02848	3.42152E-07	0.00042
442816.26	3749081.71	56566.34255	7505.81829	1310.71014	0.00031	0.22803	4.26550E-07	0.02783	3.34343E-07	0.00031
442801.3	3749094.91	43166.5336	7233.1488	1295.7505	0.00025	0.21126	3.95111E-07	0.02734	3.28456E-07	0.00025
442780.18	3749111.63	31154.69234	6887.90215	1275.69347	0.00019	0.19090	3.57032E-07	0.02669	3.20647E-07	0.00019
442764.34	3749127.47	24818.34726	6631.8334	1259.10639	0.00016	0.17669	3.30456E-07	0.02619	3.14641E-07	0.00016
442750.26	3749130.11	21926.72307	6505.21734	1256.1139	0.00014	0.16864	3.15400E-07	0.02597	3.11998E-07	0.00014
442722.1	3749138.03	17272.95836	6247.58227	1247.6316	0.00012	0.15355	2.87178E-07	0.02549	3.06231E-07	0.00012
442705.38	3749146.83	15095.3103	6071.47636	1237.3593	0.00011	0.14457	2.70383E-07	0.02511	3.01666E-07	0.00011
442678.1	3749144.19	13097.13639	5898.19322	1235.69612	0.00010	0.13481	2.52129E-07	0.02478	2.97701E-07	0.00010
442659.62	3749147.71	11800.63821	5755.9452	1229.60401	0.00009	0.12784	2.39094E-07	0.02448	2.94097E-07	0.00009
442638.49	3749145.07	10743.74191	5634.28248	1228.55066	0.00008	0.12161	2.27442E-07	0.02423	2.91094E-07	0.00009
442662.26	3749101.07	13469.48328	6030.37251	1277.78902	0.00010	0.13666	2.55589E-07	0.02523	3.03107E-07	0.00010
442694.82	3749095.79	16493.71553	6310.13719	1283.76304	0.00012	0.15076	2.81960E-07	0.02579	3.09835E-07	0.00012
442709.78	3749094.03	18258.22724	6442.2456	1288.13032	0.00012	0.15790	2.95314E-07	0.02604	3.12838E-07	0.00013
442730.02	3749086.99	21466.404	6662.27496	1298.581	0.00014	0.16957	3.17139E-07	0.02647	3.18004E-07	0.00014
442752.02	3749068.51	26662.8817	7002.53786	1321.12285	0.00017	0.18672	3.49214E-07	0.02715	3.26174E-07	0.00017
442796.9	3749035.95	41870.50801	7767.94772	1364.28883	0.00024	0.22883	4.27971E-07	0.02854	3.42873E-07	0.00025
442817.14	3749007.78	48236.27142	8314.02536	1400.37423	0.00028	0.25664	4.79983E-07	0.02949	3.54286E-07	0.00028
442845.3	3748987.54	61335.74489	8951.57983	1427.94345	0.00034	0.29572	5.53072E-07	0.03044	3.65699E-07	0.00035
442865.54	3748973.46	72081.19418	9461.15028	1447.12845	0.00040	0.32894	6.15202E-07	0.03113	3.73989E-07	0.00040
442840.9	3748956.74	49771.42031	9267.79728	1465.92592	0.00029	0.29743	5.56271E-07	0.03105	3.73027E-07	0.00029
442888.42	3748944.42	74881.06867	10331.32732	1490.02298	0.00042	0.37644	7.04040E-07	0.03234	3.88525E-07	0.00042
442871.7	3748932.1	57685.6332	10179.44051	1504.64003	0.00033	0.34792	6.50700E-07	0.03230	3.88045E-07	0.00033
442872.58	3748910.98	51269.36056	10506.67778	1532.86082	0.00030	0.35178	6.57919E-07	0.03282	3.94292E-07	0.00031
442880.5	3748896.9	50456.98823	10895.01431	1553.4269	0.00030	0.36682	6.86048E-07	0.03335	4.00659E-07	0.00030
442906.02	3748895.14	62153.34608	11552.83621	1560.9281	0.00036	0.42037	7.86200E-07	0.03399	4.08348E-07	0.00036
442925.39	3748905.7	80055.07731	11888.87999	1550.95097	0.00045	0.46767	8.74663E-07	0.03421	4.10991E-07	0.00045
442928.03	3748871.38	62253.00195	12610.46634	1601.2148	0.00037	0.47456	8.87549E-07	0.03520	4.22885E-07	0.00037
442942.99	3748881.94	77844.11534	12872.82624	1587.98631	0.00044	0.52148	9.75302E-07	0.03529	4.23966E-07	0.00044
442959.71	3748871.38	82884.23163	13660.52433	1606.64513	0.00047	0.58004	1.08482E-06	0.03602	4.32736E-07	0.00047
442923.63	3748842.34	48303.84266	12996.541	1644.40433	0.00030	0.45462	8.50256E-07	0.03590	4.31294E-07	0.00030
442937.71	3748821.22	45115.23672	13859.20871	1682.7846	0.00029	0.48229	9.02006E-07	0.03692	4.43548E-07	0.00029
442971.15	3748822.98	58067.68392	15156.75468	1687.22191	0.00036	0.60302	1.12780E-06	0.03781	4.54241E-07	0.00036
442986.11	3748841.46	78774.98306	15398.92843	1658.21321	0.00046	0.68802	1.28677E-06	0.03763	4.52078E-07	0.00046
442985.23	3748812.42	58122.5408	16020.13506	1708.81961	0.00036	0.65520	1.22539E-06	0.03857	4.63371E-07	0.00037

443001.95	3748822.1	72051.1912	16635.51772	1696.29627	0.00043	0.75575	1.41345E-06	0.03878	4.65894E-07	0.00044
443063.55	3748836.18	164007.8853	19951.03752	1678.46678	0.00089	1.36712	2.55687E-06	0.04016	4.82473E-07	0.00089
443064.43	3748815.06	116190.4865	20726.38746	1716.26558	0.00067	1.34855	2.52214E-06	0.04095	4.91964E-07	0.00067
443051.23	3748791.3	77630.55349	20361.91533	1753.00467	0.00048	1.11035	2.07664E-06	0.04124	4.95448E-07	0.00048
443003.71	3748799.22	57590.42971	17250.30182	1737.44627	0.00037	0.73147	1.36804E-06	0.03961	4.75865E-07	0.00037
442974.67	3748795.7	46387.85233	15855.66252	1736.41436	0.00031	0.58480	1.09373E-06	0.03881	4.66254E-07	0.00031
443038.91	3748779.86	62124.25635	19785.05135	1773.23064	0.00040	0.94633	1.76988E-06	0.04126	4.95688E-07	0.00040
443027.47	3748759.61	46744.04897	19455.53076	1811.49906	0.00033	0.78572	1.46950E-06	0.04165	5.00373E-07	0.00033
443023.95	3748743.77	40112.66387	19503.29152	1840.20081	0.00030	0.71380	1.33499E-06	0.04207	5.05419E-07	0.00030
443008.99	3748724.41	32102.04577	18858.18243	1873.97948	0.00025	0.58681	1.09749E-06	0.04223	5.07341E-07	0.00026
443008.99	3748702.41	27750.27107	19147.31391	1915.0896	0.00023	0.53777	1.00577E-06	0.04294	5.15871E-07	0.00024
443097.87	3748795.7	118556.1199	24200.69945	1752.57963	0.00069	1.95322	3.65302E-06	0.04273	5.13348E-07	0.00070
443090.83	3748778.98	86775.38834	23957.41849	1780.63627	0.00054	1.64624	3.07889E-06	0.04303	5.16952E-07	0.00054
443071.47	3748764.01	65400.55511	22532.35722	1802.3734	0.00043	1.22125	2.28405E-06	0.04280	5.14189E-07	0.00043
443064.43	3748742.01	50878.00381	22361.58914	1840.0152	0.00036	1.01173	1.89220E-06	0.04326	5.19716E-07	0.00036
443051.23	3748723.53	41432.93249	21610.82184	1869.56008	0.00031	0.82158	1.53657E-06	0.04336	5.20917E-07	0.00031
443042.43	3748707.69	34944.8434	21238.6897	1900.61049	0.00028	0.70747	1.32315E-06	0.04365	5.24401E-07	0.00028
443042.43	3748691.85	31190.10214	21454.01832	1931.24924	0.00026	0.65272	1.22075E-06	0.04419	5.30888E-07	0.00026
443141.87	3748742.01	59644.28708	30998.85253	1865.30916	0.00044	2.29450	4.29130E-06	0.04659	5.59721E-07	0.00045
443121.63	3748726.17	49337.28759	28592.22116	1892.04136	0.00038	1.53496	2.87077E-06	0.04631	5.56358E-07	0.00039
443107.55	3748705.05	40040.46869	27259.18063	1929.02574	0.00033	1.11935	2.09347E-06	0.04645	5.58039E-07	0.00034
443088.19	3748676.01	31227.38101	25578.63539	1979.19134	0.00028	0.78875	1.47517E-06	0.04662	5.60082E-07	0.00028
443145.39	3748708.57	42084.40769	32287.96749	1938.26351	0.00037	1.53184	2.86493E-06	0.04817	5.78703E-07	0.00037
443176.19	3748679.53	32610.9043	38313.17461	2016.90552	0.00035	1.23576	2.31119E-06	0.05108	6.13663E-07	0.00035
443103.15	3748670.73	30581.40815	27264.64037	1998.45682	0.00029	0.82510	1.54315E-06	0.04755	5.71255E-07	0.00029
443230.76	3748790.42	76104.50217	52975.10047	1802.5819	0.00063	18.60532	3.47967E-05	0.04933	5.92639E-07	0.00066
443242.2	3748767.54	55402.40822	57587.31809	1853.79127	0.00055	6.59912	1.23421E-05	0.05107	6.13543E-07	0.00056
443255.4	3748742.89	42181.63324	62639.3395	1908.82356	0.00051	3.31496	6.19983E-06	0.05299	6.36609E-07	0.00052
443265.08	3748712.97	32536.24609	66679.08991	1979.58441	0.00049	1.91868	3.58842E-06	0.05509	6.61838E-07	0.00049
443278.28	3748687.45	26931.11498	74481.73064	2042.08235	0.00050	1.34529	2.51604E-06	0.05722	6.87428E-07	0.00050
443297.64	3748659.29	21715.35095	91648.07506	2123.34837	0.00055	0.95696	1.78976E-06	0.06029	7.24310E-07	0.00056
443306.44	3748793.94	58151.09047	116807.2056	1788.8852	0.00085	5.89623	1.10275E-05	0.05284	6.34807E-07	0.00086
443339.88	3748786.02	44824.80852	172221.5411	1808.7877	0.00105	3.56274	6.66324E-06	0.05536	6.65082E-07	0.00106
443371.56	3748768.42	32513.25372	219988.9323	1856.98407	0.00122	2.13893	4.00035E-06	0.05886	7.07130E-07	0.00123
443392.68	3748756.97	27307.76707	253997.1947	1886.57815	0.00136	1.62568	3.04044E-06	0.06126	7.35963E-07	0.00136
443418.2	3748739.37	22085.85394	281301.3722	1932.24487	0.00147	1.17862	2.20432E-06	0.06463	7.76450E-07	0.00147
443444.6	3748724.41	18754.58459	310616.0752	1968.75097	0.00159	0.91862	1.71806E-06	0.06799	8.16816E-07	0.00159
443471.89	3748711.21	15814.70795	334803.7464	2011.05055	0.00169	0.73086	1.36690E-06	0.07205	8.65592E-07	0.00170
443496.53	3748694.49	13556.14988	334405.3101	2060.43164	0.00168	0.59044	1.10427E-06	0.07635	9.17251E-07	0.00168
443525.57	3748681.29	11974.15848	358978.4442	2098.07712	0.00179	0.49316	9.22336E-07	0.08106	9.73836E-07	0.00179
443548.45	3748668.09	10626.28059	346190.5484	2143.68567	0.00172	0.42023	7.85938E-07	0.08582	1.03102E-06	0.00173
443583.65	3748651.37	9230.76486	389030.5134	2200.90387	0.00192	0.34539	6.45968E-07	0.09328	1.12064E-06	0.00192

Trails of Corona

2020 | tier IV | At Sensitive Receptors

Construction Annual DPM Emissions (as PM10 Exhaust)

X (m)	Y (m)	Onsite PA1,2 Annual DPM Exhaust w/Unit Emissions (ug/m3)	Onsite PA3 Annual DPM Exhaust w/Unit Emissions (ug/m3)	Onsite PA6 Annual DPM Exhaust w/Unit Emissions (ug/m3)	Onsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite L1 Annual DPM Exhaust w/Unit Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite L2 Annual DPM Exhaust w/Unit Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Total DPM (ug/m3)
443543.62	3748016.2	3051.87238	23345.5339	8759.53826	0.00008	0.07477	1.39839E-07	0.41552	4.99196E-06	0.00009
443581.38	3748016.2	2959.83062	24234.74963	9427.49943	0.00009	0.07287	1.36286E-07	0.52827	6.34651E-06	0.00009
443619.14	3748016.2	2891.7748	25446.23889	10240.70159	0.00009	0.07096	1.32713E-07	0.69873	8.39438E-06	0.00010
443656.9	3748016.2	2835.89562	26863.73701	11218.37479	0.00010	0.06920	1.29422E-07	0.98771	1.18661E-05	0.00011
443694.66	3748016.2	2791.06475	28608.81417	12436.29526	0.00010	0.06805	1.27271E-07	1.56020	1.87439E-05	0.00012
443732.42	3748016.2	2691.90488	29453.66909	13537.75947	0.00011	0.06551	1.22521E-07	3.41537	4.10315E-05	0.00015
443543.62	3748046.66	3176.71233	25600.87524	8119.79984	0.00009	0.07866	1.47114E-07	0.36211	4.35030E-06	0.00009
443581.38	3748046.66	3083.83924	26794.38569	8671.88591	0.00009	0.07661	1.43280E-07	0.44715	5.37196E-06	0.00010
443619.14	3748046.66	3009.35861	28311.84131	9321.08586	0.00010	0.07449	1.39315E-07	0.56902	6.83607E-06	0.00010
443656.9	3748046.66	2952.89132	30276.44204	10111.80976	0.00010	0.07289	1.36323E-07	0.75771	9.10295E-06	0.00011
443694.66	3748046.66	2907.90978	32798.48167	11102.69315	0.00011	0.07199	1.34640E-07	1.07871	1.29594E-05	0.00012
443732.42	3748046.66	2794.17962	34085.30233	11875.95554	0.00011	0.06933	1.29665E-07	1.85184	2.22476E-05	0.00014
443543.62	3748077.12	3328.86225	28534.79197	7541.22787	0.00009	0.08341	1.55998E-07	0.31914	3.83407E-06	0.00010
443581.38	3748077.12	3229.89668	30076.50646	8009.71103	0.00010	0.08112	1.51715E-07	0.38525	4.62830E-06	0.00010
443619.14	3748077.12	3150.09184	32073.81454	8536.6373	0.00010	0.07893	1.47619E-07	0.47585	5.71675E-06	0.00011
443656.9	3748077.12	3055.97759	34022.44818	9071.75121	0.00011	0.07628	1.42663E-07	0.61043	7.33356E-06	0.00012
443694.66	3748077.12	2993.17018	37118.65029	9771.44274	0.00012	0.07513	1.40512E-07	0.82192	9.87435E-06	0.00013
443732.42	3748077.12	2865.03975	39049.40445	10322.34596	0.00012	0.07229	1.35201E-07	1.24369	1.49414E-05	0.00014
443543.62	3748107.58	3502.01604	32208.57708	6954.32587	0.00010	0.08886	1.66191E-07	0.28422	3.41455E-06	0.00010
443581.38	3748107.58	3383.71567	34025.10475	7360.35812	0.00010	0.08600	1.60842E-07	0.33721	4.05116E-06	0.00011
443619.14	3748107.58	3254.89463	35777.73937	7729.26283	0.00011	0.08232	1.53960E-07	0.40813	4.90318E-06	0.00011
443656.9	3748107.58	3145.89465	38263.79007	8119.43727	0.00012	0.07943	1.48555E-07	0.50715	6.09278E-06	0.00012
443694.66	3748107.58	3073.1631	42346.72004	8628.02276	0.00013	0.07834	1.46516E-07	0.65526	7.87214E-06	0.00013
443732.42	3748107.58	2931.9767	45245.48883	9035.01454	0.00013	0.07534	1.40905E-07	0.91330	1.09722E-05	0.00015
443543.62	3748138.04	3667.91307	36297.6244	6416.33538	0.00011	0.09424	1.76253E-07	0.25588	3.07408E-06	0.00011
443581.38	3748138.04	3509.30105	38086.04408	6739.44277	0.00011	0.09014	1.68585E-07	0.29950	3.59812E-06	0.00012
443619.14	3748138.04	3362.02744	40314.22796	7012.8633	0.00012	0.08599	1.60823E-07	0.35541	4.26981E-06	0.00012
443656.9	3748138.04	3243.78664	43766.98158	7312.41523	0.00013	0.08313	1.55474E-07	0.43068	5.17409E-06	0.00013
443694.66	3748138.04	3153.43816	49055.84969	7660.8927	0.00014	0.08181	1.53006E-07	0.53911	6.47674E-06	0.00015
443732.42	3748138.04	3002.50082	53528.11537	7941.28152	0.00015	0.07872	1.47227E-07	0.71038	8.53434E-06	0.00016
443543.62	3748168.5	3819.07192	40743.90308	5928.71067	0.00012	0.09937	1.85847E-07	0.23252	2.79344E-06	0.00012
443581.38	3748168.5	3647.75085	43213.62564	6179.63709	0.00012	0.09492	1.77525E-07	0.26851	3.22582E-06	0.00013
443619.14	3748168.5	3479.88215	46161.94622	6395.9037	0.00013	0.09031	1.68903E-07	0.31357	3.76716E-06	0.00014
443656.9	3748168.5	3351.86714	51051.57587	6635.70475	0.00014	0.08751	1.63666E-07	0.37265	4.47693E-06	0.00015
443694.66	3748168.5	3240.24844	58085.17309	6841.91123	0.00016	0.08580	1.60468E-07	0.45466	5.46218E-06	0.00017
443732.42	3748168.5	3069.88166	64600.21408	7034.97983	0.00017	0.08219	1.53716E-07	0.57593	6.91909E-06	0.00018
444172.99	3747085.77	1124.248	5537.29292	22786.62495	0.00007	0.02206	4.12579E-08	0.05535	6.64962E-07	0.00007
444272.99	3747085.77	1105.42622	5470.57131	18776.98361	0.00006	0.02204	4.12205E-08	0.05310	6.37931E-07	0.00006
444372.99	3747085.77	1072.51835	5347.37275	15378.3127	0.00005	0.02195	4.10521E-08	0.05019	6.02971E-07	0.00005
444472.99	3747085.77	1030.77324	5191.26453	12673.2342	0.00004	0.02149	4.01918E-08	0.04684	5.62725E-07	0.00004
444572.99	3747085.77	982.00426	4991.87303	10547.78937	0.00004	0.02067	3.86582E-08	0.04363	5.24161E-07	0.00004
444672.99	3747085.77	931.27427	4780.50003	9051.4025	0.00003	0.01976	3.69563E-08	0.04146	4.98091E-07	0.00004
444772.99	3747085.77	880.41295	4525.96253	7927.10539	0.00003	0.01874	3.50486E-08	0.03956	4.75265E-07	0.00003
444872.99	3747085.77	834.79312	4243.34191	7076.60677	0.00003	0.01774	3.31784E-08	0.03783	4.54481E-07	0.00003
444972.99	3747085.77	795.88496	3961.93602	6387.36482	0.00003	0.01678	3.13829E-08	0.03597	4.32135E-07	0.00003
445072.99	3747085.77	765.4072	3715.39222	5833.96588	0.00002	0.01597	2.98680E-08	0.03416	4.10390E-07	0.00002
445172.99	3747085.77	742.27198	3506.94887	5363.81417	0.00002	0.01534	2.86897E-08	0.03255	3.91048E-07	0.00002
445272.99	3747085.77	724.64085	3339.4916	4966.31314	0.00002	0.01490	2.78668E-08	0.03124	3.75310E-07	0.00002
445372.99	3747085.77	707.55349	3192.07618	4584.90506	0.00002	0.01453	2.71748E-08	0.02991	3.59332E-07	0.00002
445472.99	3747085.77	688.78594	3057.7223	4223.00705	0.00002	0.01420	2.65577E-08	0.02848	3.42152E-07	0.00002
445572.99	3747085.77	669.26073	2941.38366	3912.57101	0.00002	0.01389	2.59779E-08	0.02711	3.25693E-07	0.00002
444172.99	3747185.77	1190.23635	6057.41673	39892.68254	0.00011	0.02369	4.43064E-08	0.06532	7.84739E-07	0.00011
444272.99	3747185.77	1159.73549	5969.25496	28941.84441	0.00008	0.02372	4.43625E-08	0.06178	7.42210E-07	0.00009
444372.99	3747185.77	1116.09126	5823.54282	21841.99379	0.00007	0.02340	4.37640E-08	0.05771	6.93314E-07	0.00007
444472.99	3747185.77	1061.60455	5597.33307	16885.90448	0.00006	0.02256	4.21930E-08	0.05309	6.37811E-07	0.00006
444572.99	3747185.77	1002.80892	5331.5639	13599.14824	0.00005	0.02149	4.01918E-08	0.04949	5.94561E-07	0.00005
444672.99	3747185.77	944.38678	5038.99839	11352.49283	0.00004	0.02033	3.80223E-08	0.04684	5.62725E-07	0.00004
444772.99	3747185.77	890.59268	4699.83349	9689.84901	0.00004	0.01912	3.57593E-08	0.04438	5.33171E-07	0.00004
444872.99	3747185.77	846.68151	4369.70217	8473.41777	0.00003	0.01802	3.37020E-08	0.04210	5.05780E-07	0.00003
444972.99	3747185.77	813.5447	4077.48474	7522.5788	0.00003	0.01710	3.19814E-08	0.03975	4.77547E-07	0.00003
445072.99	3747185.77	786.57406	3827.2335	6729.73167	0.00003	0.01637	3.06161E-08	0.03743	4.49675E-07	0.00003
445172.99	3747185.77	765.84194	3619.89091	6062.62149	0.00002	0.01584	2.96249E-08	0.03544	4.25768E-07	0.00002
445272.99	3747185.77	747.73501	3454.99214	5516.5447	0.00002	0.01547	2.89329E-08	0.03379	4.05945E-07	0.00002
445372.99	3747185.77	726.97167	3302.91493	5007.95056	0.00002	0.01511	2.82596E-08	0.03204	3.84921E-07	0.00002
445472.99	3747185.77	704.44936	3167.94277	4568.53015	0.00002	0.01474	2.75676E-08	0.03032	3.64257E-07	0.00002
445572.99	3747185.77	680.92543	3045.62749	4188.23067	0.00002	0.01435	2.68382E-08	0.02867	3.44435E-07	0.00002
444172.99	3747285.77	1256.6145	6680.89439	68973.29828	0.00018	0.02562	4.79160E-08	0.07905	9.49688E-07	0.00018
444272.99	3747285.77	1209.97629	6547.34011	44349.93318	0.00012	0.02541	4.75232E-08	0.07290	8.75804E-07	0.00012
444372.99	3747285.77	1152.73732	6342.65711	30810.15246	0.00009	0.02472	4.62328E-08	0.06724	8.07806E-07	0.00009
444472.99	3747285.77	1087.83647	6043.36542	22781.12149	0.00007	0.02360	4.41381E-08	0.06193	7.44013E-07	0.00007
444572.99	3747285.77	1020.13701	5688.77748	17704.80977	0.00006	0.02225	4.16132E-08	0.05743	6.89951E-07	0.00006
444672.99	3747285.77	956.8096	5284.16787	14238.78591	0.00005	0.02082	3.89388E-08	0.05363	6.44298E-07	0.00005
444772.99	3747285.77	904.85517	4874.40417	11811.73852	0.00004	0.01948	3.64326E-08	0.05026	6.03812E-07	0.00004
444872.99	3747285.77	865.96653	4518.62058	10065.55959	0.00004	0.01839	3.43940E-08	0.04709	5.65728E-07	0.00004
444972.99	3747285.77	836.24214	4211.31811	8683.65842	0.00003	0.01754	3.28043E-08	0.04381	5.26323E-07	0.00003
445072.99	3747285.77	813.23574	3964.07115	7615.41153	0.00003	0.01694	3.16822E-08	0.04098	4.92324E-07	0.00003
445172.99	3747285.77	791.53021	3758.52904	6741.90402	0.00003	0.01649	3.08405E-08	0.03856	4.63251E-07	0.00003
445272.99	3747285.77	768.29922	3586.21476	6018.83337	0.00002	0.01610	3.01111E-08	0.03638	4.37061E-07	0.00002
445372.99	3747285.77	743.38203	3437.96366	5415.49478	0.00002	0.01570	2.93630E-08	0.03428	4.11832E-07	0.00002
445472.99	3747285.77	717.66104	3308.64515	4908.57779	0.00002	0.01526	2.85401E-08	0.03228	3.87804E-07	0.00002
445572.99	3747285.77	692.04091	3190.68014	4466.57372	0.00002	0.01475	2.75863E-08	0.03037	3.64858E-07	0.00002
444172.99	3747385.77	1321.27395	7439.62047	105445.5743	0.00027	0.02775	5.18996E-08	0.10003	1.20174E-06	0.00027
444272.99	3747385.77	1257.59507	7250.13525	62981.92304	0.00017	0.02716	5.07962E-08	0.08976	1.07836E-06	0.00017
444372.99	3747385.77	1186.27783	6950.17143	41836.87467	0.00012	0.02607	4.87576E-08	0.08131	9.76839E-07	0.00012
444472.99	3747385.77	1110.86812	6540.70206	29961.67654	0.00009	0.02463	4.60644E-08	0.07400	8.89019E-07	0.00009
444572.99	3747385.77	1041.86193	6111.88748	22795.32879	0.00007	0.02312	4.32403E-08	0.06818	8.19099E-07	0.00007
444672.99	3747385.77	972.97719	5521.26344	17294.84762	0.00006	0.02124	3.97243E-08	0.06178	7.42210E-07	0.00006
444772.99	3747385.77	927.03805	5068.66833	13939.18625	0.00005	0.01990	3.72181E-08	0.05705	6.85385E-07	0.00005
444872.99	3747385.77	893.4208	4691.44696	11544.20396	0.00004	0.01891	3.53666E-08	0.05252	6.30963E-07	0.00004
444972.99	3747385.77	866.80667	4382.56418	9774.35552	0.00004	0.01820	3.40387E-08	0.04839	5.81346E-07	0.00004
445072.99	3747385.77	840.60711	4124.9581	8389.98896	0.00003	0.01765	3.30100E-08	0.04480	5.38217E-07	0.00003
445172.99	3747385.77	813.36166	3921.19507	7320.99595	0.00003	0.01719	3.21497E-08	0.04186	5.02896E-07	0.00003
445272.99	3747385.77	784.64879	3753.71071	6466.12494	0.00003	0.01671	3.12520E-08	0.03918	4.70699E-07	0.00003
445372.99	3747385.77	756.75623	3619.87508	5786.15186	0.00002	0.01622	3.03356E-08	0.03673	4.41266E-07	0.00002
445472.99	3747385.77	729.75328	3498.67852	5202.85859	0.00002	0.01566	2.92882E-08	0.03436	4.12793E-07	0.00002

445572.99	3747385.77	705.78531	3390.14477	4702.00866	0.00002	0.01511	2.82596E-08	0.03215	3.86243E-07	0.00002
444172.99	3747485.77	1383.04576	8389.98704	142103.9859	0.00036	0.03004	5.61825E-08	0.13369	1.60612E-06	0.00036
444272.99	3747485.77	1296.64265	8060.54109	80087.90425	0.00021	0.02878	5.38260E-08	0.11434	1.37365E-06	0.00021
444372.99	3747485.77	1213.99106	7624.54274	52553.87718	0.00014	0.02733	5.11141E-08	0.10152	1.21964E-06	0.00015
444472.99	3747485.77	1129.53704	7037.15777	36431.1248	0.00010	0.02543	4.75606E-08	0.08976	1.07836E-06	0.00011
444572.99	3747485.77	1053.01445	6362.79851	26144.4816	0.00008	0.02335	4.36705E-08	0.07937	9.53533E-07	0.00008
444672.99	3747485.77	996.88982	5765.01974	19727.37306	0.00006	0.02165	4.04911E-08	0.07116	8.54900E-07	0.00006
444772.99	3747485.77	959.40964	5301.12489	15681.32985	0.00005	0.02051	3.83590E-08	0.06475	7.77891E-07	0.00005
444872.99	3747485.77	927.77931	4904.56525	12769.0317	0.00004	0.01967	3.67880E-08	0.05868	7.04968E-07	0.00004
444972.99	3747485.77	897.37981	4591.65364	10657.72468	0.00004	0.01904	3.56093E-08	0.05351	6.42857E-07	0.00004
445072.99	3747485.77	864.43361	4343.27717	9042.23045	0.00003	0.01845	3.45062E-08	0.04918	5.90837E-07	0.00003
445172.99	3747485.77	830.78398	4150.80002	7808.83072	0.00003	0.01786	3.34028E-08	0.04553	5.46987E-07	0.00003
445272.99	3747485.77	798.88768	3996.27684	6844.40302	0.00003	0.01725	3.22619E-08	0.04224	5.07461E-07	0.00003
445372.99	3747485.77	771.11051	3869.66362	6072.03217	0.00003	0.01665	3.11398E-08	0.03924	4.71420E-07	0.00003
445472.99	3747485.77	749.32068	3766.6271	5441.80143	0.00002	0.01611	3.01298E-08	0.03655	4.39103E-07	0.00002
445572.99	3747485.77	733.92534	3681.13309	4916.35083	0.00002	0.01568	2.93256E-08	0.03417	4.10510E-07	0.00002
444172.99	3747585.77	1437.9141	9586.96999	170829.7189	0.00043	0.03234	6.04841E-08	0.18696	2.24609E-06	0.00043
444272.99	3747585.77	1329.13815	9003.70074	90641.52801	0.00024	0.03030	5.66688E-08	0.15077	1.81132E-06	0.00024
444372.99	3747585.77	1236.35047	8323.9355	58308.30985	0.00016	0.02834	5.30031E-08	0.12793	1.53692E-06	0.00016
444472.99	3747585.77	1150.32106	7520.79612	39544.40839	0.00011	0.02601	4.86454E-08	0.10883	1.30746E-06	0.00011
444572.99	3747585.77	1080.41888	6707.91901	27927.87843	0.00008	0.02381	4.45308E-08	0.09311	1.11860E-06	0.00008
444672.99	3747585.77	1035.85231	6097.41158	21239.50242	0.00007	0.02241	4.19125E-08	0.08247	9.90775E-07	0.00007
444772.99	3747585.77	999.80703	5596.74372	16789.66376	0.00005	0.02144	4.00983E-08	0.07370	8.85415E-07	0.00006
444872.99	3747585.77	962.18931	5193.16541	13567.13534	0.00005	0.02064	3.86021E-08	0.06575	7.89905E-07	0.00005
444972.99	3747585.77	922.75705	4895.80146	11220.27755	0.00004	0.01991	3.72368E-08	0.05923	7.11575E-07	0.00004
445072.99	3747585.77	884.66006	4680.99338	9500.97782	0.00004	0.01921	3.59276E-08	0.05412	6.50185E-07	0.00004
445172.99	3747585.77	848.64442	4493.57592	8146.80467	0.00003	0.01847	3.45436E-08	0.04952	5.94922E-07	0.00003
445272.99	3747585.77	820.51048	4347.52438	7113.74493	0.00003	0.01781	3.33093E-08	0.04555	5.47227E-07	0.00003
445372.99	3747585.77	800.70816	4227.73479	6290.37031	0.00003	0.01728	3.23180E-08	0.04205	5.05179E-07	0.00003
445472.99	3747585.77	787.69508	4118.98956	5609.18457	0.00002	0.01686	3.15325E-08	0.03892	4.67576E-07	0.00003
445572.99	3747585.77	782.73177	4038.70774	5066.73268	0.00002	0.01665	3.11398E-08	0.03635	4.36700E-07	0.00002
444172.99	3747685.77	1488.67221	11160.44615	146212.969	0.00037	0.03471	6.49166E-08	0.26299	3.15950E-06	0.00038
444272.99	3747685.77	1365.39316	10170.22241	84973.66809	0.00023	0.03194	5.97360E-08	0.19937	2.39518E-06	0.00023
444372.99	3747685.77	1266.13703	9123.68864	55340.38764	0.00015	0.02926	5.47237E-08	0.15950	1.91620E-06	0.00016
444472.99	3747685.77	1184.79016	8082.39616	37819.67038	0.00011	0.02664	4.98236E-08	0.13013	1.56335E-06	0.00011
444572.99	3747685.77	1125.80177	7184.63773	27439.749	0.00008	0.02469	4.61766E-08	0.10917	1.31154E-06	0.00009
444672.99	3747685.77	1080.78322	6499.21677	21114.87645	0.00007	0.02346	4.38762E-08	0.09476	1.13842E-06	0.00007
444772.99	3747685.77	1035.90524	5996.70967	16772.23625	0.00006	0.02249	4.20621E-08	0.08299	9.97022E-07	0.00006
444872.99	3747685.77	990.43401	5653.13373	13678.82	0.00005	0.02163	4.04537E-08	0.07335	8.81210E-07	0.00005
444972.99	3747685.77	946.04211	5382.43703	11357.05217	0.00004	0.02075	3.88078E-08	0.06553	7.87262E-07	0.00004
445072.99	3747685.77	909.32308	5164.41244	9628.84667	0.00004	0.01995	3.73116E-08	0.05928	7.12176E-07	0.00004
445172.99	3747685.77	882.20428	4975.57506	8290.38783	0.00003	0.01926	3.60212E-08	0.05385	6.46941E-07	0.00003
445272.99	3747685.77	864.36325	4808.20686	7225.46374	0.00003	0.01872	3.50112E-08	0.04904	5.89155E-07	0.00003
445372.99	3747685.77	854.41637	4660.22626	6369.5709	0.00003	0.01834	3.43005E-08	0.04490	5.39418E-07	0.00003
445472.99	3747685.77	849.98357	4524.94243	5674.95805	0.00003	0.01813	3.39078E-08	0.04140	4.97370E-07	0.00003
445572.99	3747685.77	848.34114	4394.77545	5106.08155	0.00002	0.01804	3.37394E-08	0.03849	4.62410E-07	0.00002
444172.99	3747785.77	1531.1163	13070.81093	102122.2425	0.00027	0.03674	6.87132E-08	0.34689	4.16746E-06	0.00028
444272.99	3747785.77	1407.89752	11534.71221	65058.65416	0.00018	0.03334	6.23544E-08	0.24961	2.99876E-06	0.00019
444372.99	3747785.77	1323.51087	10301.79076	45940.13319	0.00013	0.03061	5.72486E-08	0.19359	2.32575E-06	0.00014
444472.99	3747785.77	1241.98267	8882.96005	32615.00962	0.00010	0.02781	5.20118E-08	0.15321	1.84063E-06	0.00010
444572.99	3747785.77	1180.55818	7850.63455	24695.14435	0.00008	0.02604	4.87015E-08	0.12656	1.52046E-06	0.00008
444672.99	3747785.77	1123.26179	7163.54281	19453.80736	0.00006	0.02474	4.62702E-08	0.10760	1.29268E-06	0.00007
444772.99	3747785.77	1070.38866	6733.65929	15846.07809	0.00006	0.02370	4.43251E-08	0.09314	1.11896E-06	0.00006
444872.99	3747785.77	1021.21501	6368.02983	13089.82996	0.00005	0.02266	4.23800E-08	0.08129	9.76599E-07	0.00005
444972.99	3747785.77	982.49131	6043.34627	10993.78966	0.00004	0.02173	4.06407E-08	0.07199	8.64871E-07	0.00004
445072.99	3747785.77	956.65728	5763.07942	9379.34442	0.00004	0.02098	3.92380E-08	0.06433	7.72846E-07	0.00004
445172.99	3747785.77	944.81446	5550.83454	8149.11831	0.00003	0.02054	3.84151E-08	0.05800	6.96798E-07	0.00004
445272.99	3747785.77	938.3807	5341.81905	7133.21892	0.00003	0.02023	3.78353E-08	0.05243	6.29882E-07	0.00003
445372.99	3747785.77	933.68575	5131.72788	6296.31431	0.00003	0.02002	3.74425E-08	0.04772	5.73297E-07	0.00003
445472.99	3747785.77	930.46728	4936.22952	5622.95865	0.00003	0.01993	3.72742E-08	0.04391	5.27524E-07	0.00003
445572.99	3747785.77	924.77233	4738.00495	5064.93979	0.00003	0.01984	3.71059E-08	0.04072	4.89201E-07	0.00003
444172.99	3747885.77	1585.61859	15543.21937	64308.32987	0.00019	0.03863	7.22480E-08	0.39920	4.79590E-06	0.00020
444272.99	3747885.77	1475.66222	13491.93101	44370.30796	0.00014	0.03495	6.53655E-08	0.28693	3.44711E-06	0.00014
444372.99	3747885.77	1393.05724	11754.1245	33300.10573	0.00011	0.03207	5.99791E-08	0.22063	2.65060E-06	0.00011
444472.99	3747885.77	1309.67667	10119.43068	25560.60229	0.00009	0.02955	5.52666E-08	0.17503	2.10277E-06	0.00009
444572.99	3747885.77	1228.89015	8970.57017	20133.21055	0.00007	0.02751	5.14508E-08	0.14200	1.70595E-06	0.00007
444672.99	3747885.77	1165.13015	8298.90767	16622.61853	0.00006	0.02616	4.89259E-08	0.11994	1.44093E-06	0.00006
444772.99	3747885.77	1114.56631	7759.65619	13980.01892	0.00005	0.02502	4.67938E-08	0.10281	1.23514E-06	0.00005
444872.99	3747885.77	1077.2648	7262.94826	11849.14572	0.00005	0.02402	4.49236E-08	0.08912	1.07067E-06	0.00005
444972.99	3747885.77	1054.6806	6838.90895	10154.7542	0.00004	0.02326	4.35022E-08	0.07823	9.39837E-07	0.00004
445072.99	3747885.77	1042.4941	6474.28476	8791.53801	0.00004	0.02275	4.25483E-08	0.06914	8.30632E-07	0.00004
445172.99	3747885.77	1039.70039	6185.7845	7728.26775	0.00004	0.02253	4.21369E-08	0.06184	7.42931E-07	0.00004
445272.99	3747885.77	1035.67702	5896.451	6838.37094	0.00003	0.02239	4.18751E-08	0.05570	6.69167E-07	0.00003
445372.99	3747885.77	1027.10398	5602.43959	6092.35563	0.00003	0.02222	4.15571E-08	0.05065	6.08497E-07	0.00003
445472.99	3747885.77	1010.9558	5298.09245	5456.48662	0.00003	0.02194	4.10334E-08	0.04643	5.57799E-07	0.00003
445572.99	3747885.77	991.63174	5019.17209	4935.16584	0.00003	0.02160	4.03976E-08	0.04293	5.15751E-07	0.00003
444172.99	3747985.77	1707.58877	20475.94383	33741.17115	0.00013	0.04201	7.85695E-08	0.41060	4.93285E-06	0.00014
444272.99	3747985.77	1566.92049	16614.33833	26388.75869	0.00010	0.03701	6.92182E-08	0.30811	3.70156E-06	0.00011
444372.99	3747985.77	1454.7429	13787.44059	21314.31826	0.00009	0.03347	6.25975E-08	0.23882	2.86913E-06	0.00009
444472.99	3747985.77	1361.83119	11983.33946	17876.7927	0.00007	0.03110	5.81650E-08	0.19035	2.28682E-06	0.00008
444572.99	3747985.77	1286.39035	10734.83623	15332.35421	0.00006	0.02935	5.48920E-08	0.15688	1.88472E-06	0.00007
444672.99	3747985.77	1232.64051	9765.00264	13308.31792	0.00006	0.02799	5.23485E-08	0.13180	1.58341E-06	0.00006
444772.99	3747985.77	1199.60838	8979.4346	11618.55254	0.00005	0.02696	5.04221E-08	0.11205	1.34614E-06	0.00005
444872.99	3747985.77	1183.0211	8344.97632	10205.36755	0.00005	0.02625	4.90942E-08	0.09580	1.16293E-06	0.00005
444972.99	3747985.77	1171.7101	7776.59411	8982.06651	0.00004	0.02574	4.81404E-08	0.08421	1.01168E-06	0.00004
445072.99	3747985.77	1162.931	7282.71936	7965.31266	0.00004	0.02542	4.75419E-08	0.07395	8.88418E-07	0.00004
445172.99	3747985.77	1148.37787	6808.76707	7090.52474	0.00004	0.02509	4.69247E-08	0.06553	7.87262E-07	0.00004
445272.99	3747985.77	1131.41175	6394.31645	6372.62898	0.00003	0.02478	4.63450E-08	0.05897	7.08452E-07	0.00003
445372.99	3747985.77	1104.56957	5983.90079	5741.95306	0.00003	0.02430	4.54472E-08	0.05352	6.42977E-07	0.00003
445472.99	3747985.77	1070.29067	5593.65529	5193.47587	0.00003	0.02365	4.42316E-08	0.04895	5.88074E-07	0.00003
445572.99	3747985.77	1034.06837	5248.93211	4730.81121	0.00003	0.02294	4.29037E-08	0.04509	5.41701E-07	0.00003
444172.99	3748085.77	1802.43137	27833.6469	15405.79999	0.00011	0.04402	8.23287E-08	0.46067	5.53438E-06	0.00011
444272.99	3748085.77	1646.29538	21282.15295	14076.25244	0.00009	0.03887	7.26969E-08	0.33691	4.04756E-06	0.00009
444372.99	3748085.77	1530.8321	17337.85087	13072.84229	0.00007	0.03573	6.68243E-08	0.26059	3.13067E-06	0.00008
444472.99	3748085.77	1447.0913	14808.27709	12086.39072	0.00007	0.03360	6.28406E-08	0.20921	2.51340E-06	0.00007
444572.99	3748085.77	1392.18349	12969.01534	11097.69675	0.00006	0.03201	5.98669E-08	0.17218	2.06853E-06	0.00006
444672.99	3748085.77	1362.18821	11586.859	10152.81424	0.00005	0.03087	5.77348E-08	0.14362	1.72542E-06	0.00006
444772.99	3748085.77	1347.00485	10512.90903	9274.34368	0.00005	0.03012	5.63321E-08	0.12165	1.46147E-06	0.00005
444872.99	3748085.77	1333.37944	9605.65642	8449.48367	0.00005	0.02957	5.53035E-08	0.10434	1.25352E-06	0.00005
444972.99	3748085.77	1310.29585	8771.35153	7664.01514	0.00004	0.02899	5.42188E-08	0.08995	1.08064E-06	0.00004
445072.99	3748085.77	1279.44896	8035.72515	6961.06684	0.00004	0.02836	5.30405E-08	0.07846	9.42600E-07	0.00004
445172.99	3748085.77	1241.37649	7388.14129	6337.08228	0.00004	0.02764	5.16939E-08	0.06946	8.34476E-07	0.00004
445272.99	3748085.77	1197.73914	6818.53871	5783.2297	0.00003	0.02681	5.01416E-08	0.06231	7.48578E-07	0.00003
445372.99	3748085.77	1151.70573	6322.61575	5294.33027	0.00003	0.02588	4.84023E-08	0.05644	6.78057E-07	0.00003
445472.99	3748085.77	1103.09941	5874.79687	4852.56997	0.00003	0.02486	4.64946E-08	0.05147	6.18349E-07	0.00003
445572.99	3748085.77	1056.09123	5481.83975	4461.71822	0.00003	0.02383	4.45682E-08	0.04727	5.67891E-07	0.00003
444172.99	3748185.77	1915.60043	40477.63588	8526.90006	0.00012	0.04679	8.75093E-08	0.60565	7.27614E-06	0.00013

444272.99	3748185.77	1768.3299	28901.68797	8317.20089	0.00009	0.04240	7.92989E-08	0.40770	4.89801E-06	0.00010
444372.99	3748185.77	1669.435	22593.53929	8231.53527	0.00008	0.03952	7.39126E-08	0.30168	3.62431E-06	0.00008
444472.99	3748185.77	1614.23002	18659.43036	8086.63335	0.00007	0.03761	7.03404E-08	0.23633	2.83921E-06	0.00007
444572.99	3748185.77	1583.05453	15925.9509	7862.50344	0.00006	0.03625	6.77968E-08	0.19159	2.30172E-06	0.00006
444672.99	3748185.77	1555.00865	13844.0055	7544.47455	0.00005	0.03515	6.57395E-08	0.15744	1.89145E-06	0.00006
444772.99	3748185.77	1519.30681	12175.3323	7159.26973	0.00005	0.03416	6.38880E-08	0.13147	1.57945E-06	0.00005
444872.99	3748185.77	1481.16778	10886.00608	6787.0065	0.00004	0.03334	6.23544E-08	0.11188	1.34410E-06	0.00005
444972.99	3748185.77	1423.31008	9715.2283	6347.79393	0.00004	0.03219	6.02036E-08	0.09567	1.14936E-06	0.00004
445072.99	3748185.77	1360.61272	8744.7336	5922.46841	0.00004	0.03094	5.78658E-08	0.08323	9.99906E-07	0.00004
445172.99	3748185.77	1296.42072	7932.21196	5515.03235	0.00003	0.02963	5.54157E-08	0.07356	8.83733E-07	0.00004
445272.99	3748185.77	1234.98451	7254.20704	5133.14095	0.00003	0.02830	5.29283E-08	0.06580	7.90506E-07	0.00003
445372.99	3748185.77	1177.14078	6676.31211	4774.16254	0.00003	0.02698	5.04595E-08	0.05937	7.13257E-07	0.00003
445472.99	3748185.77	1124.00208	6180.01217	4440.95005	0.00003	0.02572	4.81030E-08	0.05401	6.48864E-07	0.00003
445572.99	3748185.77	1075.82839	5750.50998	4134.67777	0.00003	0.02454	4.58961E-08	0.04953	5.95042E-07	0.00003
444172.99	3748285.77	2118.10099	59306.72649	5777.3739	0.00016	0.05242	9.80389E-08	0.98862	1.18770E-05	0.00017
444272.99	3748285.77	2006.28404	40058.54076	5643.56956	0.00011	0.04861	9.09132E-08	0.56263	6.75931E-06	0.00012
444372.99	3748285.77	1941.04574	29894.54654	5664.8526	0.00009	0.04597	8.59757E-08	0.38356	4.60800E-06	0.00009
444472.99	3748285.77	1884.80947	23563.44294	5676.28496	0.00007	0.04379	8.18986E-08	0.28349	3.40578E-06	0.00008
444572.99	3748285.77	1825.83664	19325.01317	5671.43614	0.00006	0.04200	7.85508E-08	0.22057	2.64988E-06	0.00007
444672.99	3748285.77	1752.09498	16216.80819	5617.51177	0.00006	0.04026	7.52965E-08	0.17608	2.11538E-06	0.00006
444772.99	3748285.77	1672.18375	13912.85882	5528.84924	0.00005	0.03860	7.21919E-08	0.14436	1.73431E-06	0.00005
444872.99	3748285.77	1581.08291	12059.38278	5362.31422	0.00004	0.03672	6.86758E-08	0.12005	1.44225E-06	0.00005
444972.99	3748285.77	1490.79243	10593.22864	5157.15035	0.00004	0.03479	6.50662E-08	0.10194	1.22468E-06	0.00004
445072.99	3748285.77	1408.76667	9440.35347	4938.56733	0.00004	0.03294	6.16063E-08	0.08842	1.06226E-06	0.00004
445172.99	3748285.77	1332.08673	8486.66727	4699.16322	0.00003	0.03112	5.82024E-08	0.07778	9.34431E-07	0.00003
445272.99	3748285.77	1266.06574	7717.28986	4463.7769	0.00003	0.02948	5.51352E-08	0.06932	8.32794E-07	0.00003
445372.99	3748285.77	1206.18127	7065.92375	4225.09324	0.00003	0.02795	5.22737E-08	0.06240	7.49659E-07	0.00003
445472.99	3748285.77	1152.62809	6513.85922	3981.19667	0.00003	0.02656	4.96740E-08	0.05666	6.80700E-07	0.00003
445572.99	3748285.77	1104.04759	6039.46858	3757.37984	0.00003	0.02530	4.73175E-08	0.05178	6.22073E-07	0.00003
444172.99	3748385.77	2513.65421	82066.13652	4392.13771	0.00021	0.06248	1.16854E-07	2.70863	3.25408E-05	0.00024
444272.99	3748385.77	2393.19304	51744.79574	4264.10176	0.00014	0.05785	1.08194E-07	0.93435	1.12251E-05	0.00015
444372.99	3748385.77	2279.45946	36861.58814	4220.30373	0.00010	0.05419	1.01349E-07	0.53232	6.39517E-06	0.00011
444472.99	3748385.77	2157.52835	28094.11811	4242.51604	0.00008	0.05107	9.55140E-08	0.35952	4.31919E-06	0.00009
444572.99	3748385.77	2020.67441	22244.6031	4253.94561	0.00007	0.04800	8.97723E-08	0.26123	3.13836E-06	0.00007
444672.99	3748385.77	1889.98962	18256.08833	4279.21819	0.00006	0.04514	8.44234E-08	0.20011	2.40407E-06	0.00006
444772.99	3748385.77	1767.44528	15369.15643	4321.67799	0.00005	0.04235	7.92054E-08	0.15894	1.90947E-06	0.00005
444872.99	3748385.77	1652.01782	13161.86466	4279.17515	0.00004	0.03959	7.40485E-08	0.13002	1.56203E-06	0.00005
444972.99	3748385.77	1543.25989	11408.49015	4164.27836	0.00004	0.03688	6.89751E-08	0.10910	1.31070E-06	0.00004
445072.99	3748385.77	1456.44304	10102.26678	4091.61862	0.00004	0.03459	6.46922E-08	0.09406	1.13001E-06	0.00004
445172.99	3748385.77	1375.37141	9017.93958	3962.07065	0.00003	0.03245	6.06898E-08	0.08225	9.88132E-07	0.00003
445272.99	3748385.77	1306.52022	8155.0849	3827.88813	0.00003	0.03060	5.72299E-08	0.07301	8.77125E-07	0.00003
445372.99	3748385.77	1244.45964	7437.39334	3684.1062	0.00003	0.02896	5.41626E-08	0.06545	7.86301E-07	0.00003
445472.99	3748385.77	1189.29166	6841.10569	3541.14835	0.00003	0.02752	5.14695E-08	0.05909	7.09893E-07	0.00003
445572.99	3748385.77	1135.06167	6308.66966	3381.46393	0.00003	0.02613	4.88698E-08	0.05365	6.44539E-07	0.00003
444172.99	3748485.77	3011.36177	83150.91992	3523.23516	0.00021	0.07524	1.40718E-07	5.06212	6.08151E-05	0.00027
444272.99	3748485.77	2777.79534	55937.88759	3417.9526	0.00015	0.06870	1.28487E-07	2.14399	2.57574E-05	0.00017
444372.99	3748485.77	2565.33277	40638.10831	3379.88072	0.00011	0.06349	1.18743E-07	0.83445	1.00249E-05	0.00012
444472.99	3748485.77	2354.21858	30805.99052	3370.61797	0.00009	0.05844	1.09298E-07	0.48158	5.78559E-06	0.00009
444572.99	3748485.77	2163.07013	24274.76994	3383.48808	0.00007	0.05371	1.00452E-07	0.32045	3.84981E-06	0.00007
444672.99	3748485.77	1994.95425	19729.75681	3403.83622	0.00006	0.04936	9.23159E-08	0.23094	2.77446E-06	0.00006
444772.99	3748485.77	1848.78807	16442.81857	3421.43112	0.00005	0.04543	8.49658E-08	0.17660	2.12163E-06	0.00005
444872.99	3748485.77	1726.99516	14042.1499	3440.96094	0.00004	0.04206	7.86630E-08	0.14200	1.70595E-06	0.00005
444972.99	3748485.77	1614.62206	12143.97471	3424.85327	0.00004	0.03897	7.28839E-08	0.11790	1.41642E-06	0.00004
445072.99	3748485.77	1512.44076	10627.86719	3378.61136	0.00004	0.03620	6.77033E-08	0.10022	1.20402E-06	0.00004
445172.99	3748485.77	1428.67211	9474.14891	3335.67036	0.00003	0.03394	6.34765E-08	0.08706	1.04592E-06	0.00003
445272.99	3748485.77	1350.40526	8509.38105	3265.21457	0.00003	0.03188	5.96238E-08	0.07651	9.19173E-07	0.00003
445372.99	3748485.77	1284.8496	7747.48942	3188.26356	0.00003	0.03017	5.64257E-08	0.06798	8.16696E-07	0.00003
445472.99	3748485.77	1222.37684	7085.93712	3092.42725	0.00003	0.02856	5.34145E-08	0.06088	7.31398E-07	0.00003
445572.99	3748485.77	1166.28212	6528.04756	2989.54208	0.00003	0.02714	5.07588E-08	0.05492	6.59796E-07	0.00003
443047.86	3748855.7	190174.5226	18196.80576	1641.54633	0.00049	1.16706	2.18270E-06	0.03895	4.67936E-07	0.00049
443030.11	3748868.74	184254.9587	16749.62766	1617.5993	0.00047	0.99029	1.85210E-06	0.03798	4.56283E-07	0.00048
443016.91	3748884.58	203035.7233	15588.83216	1589.36118	0.00052	0.88024	1.64628E-06	0.03706	4.45230E-07	0.00052
442999.31	3748898.66	195011.5904	14423.93489	1564.84863	0.00049	0.76221	1.42553E-06	0.03613	4.34057E-07	0.00050
442983.47	3748918.02	205571.7397	13322.93335	1533.25072	0.00052	0.67038	1.25378E-06	0.03512	4.21923E-07	0.00052
442962.35	3748934.74	188450.7191	12265.33817	1506.50456	0.00047	0.57481	1.07504E-06	0.03412	4.09910E-07	0.00048
442947.39	3748948.82	179669.2634	11564.63063	1485.79976	0.00045	0.51727	9.67428E-07	0.03340	4.01260E-07	0.00045
442935.07	3748963.78	179765.3886	10973.87451	1464.39467	0.00045	0.47339	8.85361E-07	0.03274	3.93331E-07	0.00045
442916.59	3748985.78	182759.8373	10163.4199	1430.48463	0.00046	0.41469	7.75577E-07	0.03171	3.80957E-07	0.00046
442898.98	3749001.62	166165.2462	9568.67289	1406.55848	0.00041	0.36979	6.91602E-07	0.03093	3.71586E-07	0.00042
442881.38	3749017.46	144890.2507	9063.47311	1387.09959	0.00036	0.33228	6.21449E-07	0.03026	3.63537E-07	0.00036
442868.18	3749033.31	132084.8152	8658.13896	1366.99064	0.00033	0.30498	5.70391E-07	0.02966	3.56328E-07	0.00033
442854.1	3749046.51	110472.4729	8315.03159	1351.69906	0.00028	0.28105	5.25636E-07	0.02915	3.50201E-07	0.00028
442832.98	3749062.35	77249.39488	7884.04111	1332.76221	0.00020	0.25129	4.69977E-07	0.02848	3.42152E-07	0.00020
442816.26	3749081.71	56566.34255	7505.8129	1310.71014	0.00015	0.22803	4.26550E-07	0.02783	3.34343E-07	0.00015
442801.3	3749094.91	43166.5336	7233.1488	1295.7505	0.00012	0.21126	3.95111E-07	0.02734	3.28456E-07	0.00012
442780.18	3749111.63	31154.69234	6887.90215	1275.69347	0.00009	0.19090	3.57032E-07	0.02669	3.20647E-07	0.00009
442764.34	3749127.47	24818.34726	6631.8334	1259.10639	0.00008	0.17669	3.30456E-07	0.02619	3.14641E-07	0.00008
442750.26	3749130.11	21926.72307	6505.21734	1256.1139	0.00007	0.16864	3.15400E-07	0.02597	3.11998E-07	0.00007
442722.1	3749138.03	17272.95836	6247.58227	1247.6316	0.00006	0.15355	2.87178E-07	0.02549	3.06231E-07	0.00006
442705.38	3749146.83	15095.3103	6071.47636	1237.3593	0.00005	0.14457	2.70383E-07	0.02511	3.01666E-07	0.00005
442678.1	3749144.19	13097.13639	5898.19322	1235.69612	0.00005	0.13481	2.52129E-07	0.02478	2.97701E-07	0.00005
442659.62	3749147.71	11800.63821	5755.9452	1229.60401	0.00004	0.12784	2.39094E-07	0.02448	2.94097E-07	0.00004
442638.49	3749145.07	10743.74191	5634.28248	1228.55066	0.00004	0.12161	2.27442E-07	0.02423	2.91094E-07	0.00004
442662.26	3749101.07	13469.48328	6030.37251	1277.78902	0.00005	0.13666	2.55589E-07	0.02523	3.03107E-07	0.00005
442694.82	3749095.79	16493.71553	6310.13719	1283.76304	0.00006	0.15076	2.81960E-07	0.02579	3.09835E-07	0.00006
442709.78	3749094.03	18258.22724	6442.2456	1288.13032	0.00006	0.15790	2.95314E-07	0.02604	3.12838E-07	0.00006
442730.02	3749086.99	21466.404	6662.27496	1298.581	0.00007	0.16957	3.17139E-07	0.02647	3.18004E-07	0.00007
442752.02	3749068.51	26662.8817	7002.53786	1321.12285	0.00008	0.18672	3.49214E-07	0.02715	3.26174E-07	0.00008
442796.9	3749035.95	41870.50801	7767.94772	1364.28883	0.00012	0.22883	4.27971E-07	0.02854	3.42873E-07	0.00012
442817.14	3749007.78	48236.27142	8314.02536	1400.37423	0.00014	0.25664	4.79983E-07	0.02949	3.54286E-07	0.00014
442845.3	3748987.54	61335.74489	8951.57983	1427.94345	0.00017	0.29572	5.53072E-07	0.03044	3.65699E-07	0.00017
442865.54	3748973.46	72081.19418	9461.15028	1447.12845	0.00019	0.32894	6.15202E-07	0.03113	3.73989E-07	0.00020
442840.9	3748956.74	49771.42031	9267.79728	1465.92592	0.00014	0.29743	5.56271E-07	0.03105	3.73027E-07	0.00014
442888.42	3748944.42	74881.06867	10331.32732	1490.02298	0.00020	0.37644	7.04040E-07	0.03234	3.88525E-07	0.00020
442871.7	3748932.1	57685.6332	10179.44051	1504.64003	0.00016	0.34792	6.50700E-07	0.03230	3.88045E-07	0.00016
442872.58	3748910.98	51269.36056	10506.67778	1532.86082	0.00015	0.35178	6.57919E-07	0.03282	3.94292E-07	0.00015
442880.5	3748896.9	50456.98823	10895.01431	1553.4269	0.00015	0.36682	6.86048E-07	0.03335	4.00659E-07	0.00015
442906.02	3748895.14	62153.34608	11552.83621	1560.9281	0.00018	0.42037	7.86200E-07	0.03399	4.08348E-07	0.00018
442925.39	3748905.7	80055.07731	11888.87999	1550.95097	0.00022	0.46767	8.74663E-07	0.03421	4.10991E-07	0.00022
442928.03	3748871.38	62253.00195	12610.46634	1601.2148	0.00018	0.47456	8.87549E-07	0.03520	4.22885E-07	0.00018
442942.99	3748881.94	77844.11534	12872.82624	1587.98631	0.00022	0.52148	9.75302E-07	0.03529	4.23966E-07	0.00022
442959.71	3748871.38	82884.23163	13660.52433	1606.64513	0.00023	0.58004	1.08482E-06	0.03602	4.32736E-07	0.00023
442923.63	3748842.34	48303.84266	12996.541	1644.40433	0.00015	0.45462	8.50256E-07	0.03590	4.31294E-07	0.00015
442937.71	3748821.22	45115.23672	13859.20871	1682.7846	0.00014	0.48229	9.02006E-07	0.03692	4.43548E-07	0.00014
442971.15	3748822.98	58067.68392	15156.75468	1687.22191	0.00018	0.60302	1.12780E-06	0.03781	4.54241E-07	0.00018
442986.11	3748841.46	78774.98306	15398.92843	1658.21321	0.00022	0.68802	1.28677E-06	0.03763	4.52078E-07	0.00023
442985.23	3748812.42	58122.5408	16020.13506	1708.81961	0.00018	0.65520	1.22539E-06	0.03857	4.63371E-07	0.00018

443001.95	3748822.1	72051.1912	16635.51772	1696.29627	0.00021	0.75575	1.41345E-06	0.03878	4.65894E-07	0.00021
443063.55	3748836.18	164007.8853	19951.03752	1678.46678	0.00043	1.36712	2.55687E-06	0.04016	4.82473E-07	0.00044
443064.43	3748815.06	116190.4865	20726.38746	1716.26558	0.00032	1.34855	2.52214E-06	0.04095	4.91964E-07	0.00033
443051.23	3748791.3	77630.55349	20361.91533	1753.00467	0.00023	1.11035	2.07664E-06	0.04124	4.95448E-07	0.00024
443003.71	3748799.22	57590.42971	17250.30182	1737.44627	0.00018	0.73147	1.36804E-06	0.03961	4.75865E-07	0.00018
442974.67	3748795.7	46387.85233	15855.66252	1736.41436	0.00015	0.58480	1.09373E-06	0.03881	4.66254E-07	0.00015
443038.91	3748779.86	62124.25635	19785.05135	1773.23064	0.00020	0.94633	1.76988E-06	0.04126	4.95688E-07	0.00020
443027.47	3748759.61	46744.04897	19455.53076	1811.49906	0.00016	0.78572	1.46950E-06	0.04165	5.00373E-07	0.00016
443023.95	3748743.77	40112.66387	19503.29152	1840.20081	0.00014	0.71380	1.33499E-06	0.04207	5.05419E-07	0.00015
443008.99	3748724.41	32102.04577	18858.18243	1873.97948	0.00012	0.58681	1.09749E-06	0.04223	5.07341E-07	0.00013
443008.99	3748702.41	27750.27107	19147.31391	1915.0896	0.00011	0.53777	1.00577E-06	0.04294	5.15871E-07	0.00012
443097.87	3748795.7	118556.1199	24200.69945	1752.57963	0.00034	1.95322	3.65302E-06	0.04273	5.13348E-07	0.00034
443090.83	3748778.98	86775.38834	23957.41849	1780.63627	0.00026	1.64624	3.07889E-06	0.04303	5.16952E-07	0.00027
443071.47	3748764.01	65400.55511	22532.35722	1802.3734	0.00021	1.22125	2.28405E-06	0.04280	5.14189E-07	0.00021
443064.43	3748742.01	50878.00381	22361.58914	1840.0152	0.00018	1.01173	1.89220E-06	0.04326	5.19716E-07	0.00018
443051.23	3748723.53	41432.93249	21610.82184	1869.56008	0.00015	0.82158	1.53657E-06	0.04336	5.20917E-07	0.00015
443042.43	3748707.69	34944.8434	21238.6897	1900.61049	0.00014	0.70747	1.32315E-06	0.04365	5.24401E-07	0.00014
443042.43	3748691.85	31190.10214	21454.01832	1931.24924	0.00013	0.65272	1.22075E-06	0.04419	5.30888E-07	0.00013
443141.87	3748742.01	59644.28708	30998.85253	1865.30916	0.00022	2.29450	4.29130E-06	0.04659	5.59721E-07	0.00022
443121.63	3748726.17	49337.28759	28592.22116	1892.04136	0.00019	1.53496	2.87077E-06	0.04631	5.56358E-07	0.00019
443107.55	3748705.05	40040.46869	27259.18063	1929.02574	0.00016	1.11935	2.09347E-06	0.04645	5.58039E-07	0.00016
443088.19	3748676.01	31227.38101	25578.63539	1979.19134	0.00014	0.78875	1.47517E-06	0.04662	5.60082E-07	0.00014
443145.39	3748708.57	42084.40769	32287.96749	1938.26351	0.00018	1.53184	2.86493E-06	0.04817	5.78703E-07	0.00018
443176.19	3748679.53	32610.9043	38313.17461	2016.90552	0.00017	1.23576	2.31119E-06	0.05108	6.13663E-07	0.00017
443103.15	3748670.73	30581.40815	27264.64037	1998.45682	0.00014	0.82510	1.54315E-06	0.04755	5.71255E-07	0.00014
443230.76	3748790.42	76104.50217	52975.10047	1802.5819	0.00031	18.60532	3.47967E-05	0.04933	5.92639E-07	0.00034
443242.2	3748767.54	55402.40822	57587.31809	1853.79127	0.00027	6.59912	1.23421E-05	0.05107	6.13543E-07	0.00028
443255.4	3748742.89	42181.63324	62639.3395	1908.82356	0.00025	3.31496	6.19983E-06	0.05299	6.36609E-07	0.00026
443265.08	3748712.97	32536.24609	66679.08991	1979.58441	0.00024	1.91868	3.58842E-06	0.05509	6.61838E-07	0.00024
443278.28	3748687.45	26931.11498	74481.73064	2042.08235	0.00024	1.34529	2.51604E-06	0.05722	6.87428E-07	0.00025
443297.64	3748659.29	21715.35095	91648.07506	2123.34837	0.00027	0.95696	1.78976E-06	0.06029	7.24310E-07	0.00027
443306.44	3748793.94	58151.09047	116807.2056	1788.8852	0.00041	5.89623	1.10275E-05	0.05284	6.34807E-07	0.00043
443339.88	3748786.02	44824.80852	172221.5411	1808.7877	0.00051	3.56274	6.66324E-06	0.05536	6.65082E-07	0.00052
443371.56	3748768.42	32513.25372	219988.9323	1856.98407	0.00060	2.13893	4.00035E-06	0.05886	7.07130E-07	0.00060
443392.68	3748756.97	27307.76707	253997.1947	1886.57815	0.00066	1.62568	3.04044E-06	0.06126	7.35963E-07	0.00067
443418.2	3748739.37	22085.85394	281301.3722	1932.24487	0.00072	1.17862	2.20432E-06	0.06463	7.76450E-07	0.00072
443444.6	3748724.41	18754.58459	310616.0752	1968.75097	0.00078	0.91862	1.71806E-06	0.06799	8.16816E-07	0.00078
443471.89	3748711.21	15814.70795	334803.7464	2011.05055	0.00083	0.73086	1.36690E-06	0.07205	8.65592E-07	0.00083
443496.53	3748694.49	13556.14988	334405.3101	2060.43164	0.00082	0.59044	1.10427E-06	0.07635	9.17251E-07	0.00082
443525.57	3748681.29	11974.15848	358978.4442	2098.07712	0.00087	0.49316	9.22336E-07	0.08106	9.73836E-07	0.00088
443548.45	3748668.09	10626.28059	346190.5484	2143.68567	0.00084	0.42023	7.85938E-07	0.08582	1.03102E-06	0.00084
443583.65	3748651.37	9230.76486	389030.5134	2200.90387	0.00094	0.34539	6.45968E-07	0.09328	1.12064E-06	0.00094

Trails of Corona

2021 tier IV at Sensitive Receptors

Construction Annual DPM Emissions (as PM10 Exhaust)

X (m)	Y (m)	Onsite Annual DPM Exhaust w/Unit Emissions (ug/m3)	Onsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite L1 Annual DPM Exhaust w/Unit Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite L2 Annual DPM Exhaust w/Unit Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Total DPM (ug/m3)
443543.62	3748016.2	35156.94454	0.00008	0.07477	1.07029E-06	0.41552	3.82070E-05	0.00012
443581.38	3748016.2	36622.07968	0.00009	0.07287	1.04309E-06	0.52827	4.85743E-05	0.00014
443619.14	3748016.2	38578.71528	0.00009	0.07096	1.01575E-06	0.69873	6.42481E-05	0.00016
443656.9	3748016.2	40918.00742	0.00010	0.06920	9.90556E-07	0.98771	9.08197E-05	0.00019
443694.66	3748016.2	43836.17418	0.00010	0.06805	9.74094E-07	1.56020	1.43460E-04	0.00025
443732.42	3748016.2	45683.33344	0.00011	0.06551	9.37736E-07	3.41537	3.14043E-04	0.00042
443543.62	3748046.66	36897.38741	0.00009	0.07866	1.12597E-06	0.36211	3.32959E-05	0.00012
443581.38	3748046.66	38550.11084	0.00009	0.07661	1.09663E-06	0.44715	4.11154E-05	0.00013
443619.14	3748046.66	40642.28578	0.00009	0.07449	1.06628E-06	0.56902	5.23213E-05	0.00015
443656.9	3748046.66	43341.14312	0.00010	0.07289	1.04338E-06	0.75771	6.96713E-05	0.00017
443694.66	3748046.66	46809.0846	0.00011	0.07199	1.03049E-06	1.07871	9.91872E-05	0.00021
443732.42	3748046.66	48755.43749	0.00011	0.06933	9.92417E-07	1.85184	1.70276E-04	0.00029
443543.62	3748077.12	39404.88209	0.00009	0.08341	1.19396E-06	0.31914	2.93449E-05	0.00012
443581.38	3748077.12	41316.11417	0.00010	0.08112	1.16118E-06	0.38525	3.54237E-05	0.00013
443619.14	3748077.12	43760.54368	0.00010	0.07893	1.12984E-06	0.47585	4.37543E-05	0.00015
443656.9	3748077.12	46150.17698	0.00011	0.07628	1.09190E-06	0.61043	5.61289E-05	0.00016
443694.66	3748077.12	49883.26321	0.00012	0.07513	1.07544E-06	0.82192	7.55754E-05	0.00019
443732.42	3748077.12	52236.79016	0.00012	0.07229	1.03479E-06	1.24369	1.14357E-04	0.00024
443543.62	3748107.58	42664.91899	0.00010	0.08886	1.27198E-06	0.28422	2.61340E-05	0.00013
443581.38	3748107.58	44769.17854	0.00010	0.08600	1.23104E-06	0.33721	3.10064E-05	0.00014
443619.14	3748107.58	46761.89683	0.00011	0.08232	1.17836E-06	0.40813	3.75275E-05	0.00015
443656.9	3748107.58	49529.12199	0.00012	0.07943	1.13699E-06	0.50715	4.66323E-05	0.00016
443694.66	3748107.58	54047.9059	0.00013	0.07834	1.12139E-06	0.65526	6.02510E-05	0.00019
443732.42	3748107.58	57212.48007	0.00013	0.07534	1.07845E-06	0.91330	8.39778E-05	0.00022
443543.62	3748138.04	46381.87285	0.00011	0.09424	1.34899E-06	0.25588	2.35281E-05	0.00013
443581.38	3748138.04	48334.7879	0.00011	0.09014	1.29030E-06	0.29950	2.75390E-05	0.00014
443619.14	3748138.04	50689.1187	0.00012	0.08599	1.23089E-06	0.35541	3.26799E-05	0.00015
443656.9	3748138.04	54323.18345	0.00013	0.08313	1.18996E-06	0.43068	3.96009E-05	0.00017
443694.66	3748138.04	59870.18055	0.00014	0.08181	1.17106E-06	0.53911	4.95711E-05	0.00019
443732.42	3748138.04	64471.89771	0.00015	0.07872	1.12683E-06	0.71038	6.53193E-05	0.00022
443543.62	3748168.5	50491.68567	0.00012	0.09937	1.42242E-06	0.23252	2.13802E-05	0.00014
443581.38	3748168.5	53041.01358	0.00012	0.09492	1.35872E-06	0.26851	2.46894E-05	0.00015
443619.14	3748168.5	56037.73207	0.00013	0.09031	1.29273E-06	0.31357	2.88327E-05	0.00016
443656.9	3748168.5	61039.14776	0.00014	0.08751	1.25265E-06	0.37265	3.42651E-05	0.00018
443694.66	3748168.5	68167.33276	0.00016	0.08580	1.22817E-06	0.45466	4.18059E-05	0.00020
443732.42	3748168.5	74705.07557	0.00017	0.08219	1.17650E-06	0.57593	5.29567E-05	0.00023
444172.99	3747085.77	29448.16587	0.00007	0.02206	3.15776E-07	0.05535	5.08942E-06	0.00007
444272.99	3747085.77	25352.98114	0.00006	0.02204	3.15489E-07	0.05310	4.88253E-06	0.00006
444372.99	3747085.77	21798.2038	0.00005	0.02195	3.14201E-07	0.05019	4.61496E-06	0.00006
444472.99	3747085.77	18895.27197	0.00004	0.02149	3.07616E-07	0.04684	4.30693E-06	0.00005
444572.99	3747085.77	16521.66666	0.00004	0.02067	2.95879E-07	0.04363	4.01177E-06	0.00004
444672.99	3747085.77	14763.1768	0.00003	0.01976	2.82852E-07	0.04146	3.81224E-06	0.00004
444772.99	3747085.77	13333.48087	0.00003	0.01874	2.68252E-07	0.03956	3.63753E-06	0.00004
444872.99	3747085.77	12154.7418	0.00003	0.01774	2.53937E-07	0.03783	3.47846E-06	0.00003
444972.99	3747085.77	11145.1858	0.00003	0.01678	2.40196E-07	0.03597	3.30743E-06	0.00003
445072.99	3747085.77	10314.7653	0.00002	0.01597	2.28601E-07	0.03416	3.14101E-06	0.00003
445172.99	3747085.77	9613.03502	0.00002	0.01534	2.19583E-07	0.03255	2.99297E-06	0.00003
445272.99	3747085.77	9030.44559	0.00002	0.01490	2.13284E-07	0.03124	2.87251E-06	0.00002
445372.99	3747085.77	8484.53473	0.00002	0.01453	2.07988E-07	0.02991	2.75022E-06	0.00002

445472.99	3747085.77	7969.51529	0.00002	0.01420	2.03264E-07	0.02848	2.61873E-06	0.00002
445572.99	3747085.77	7523.0254	0.00002	0.01389	1.98827E-07	0.02711	2.49276E-06	0.00002
444172.99	3747185.77	47140.33562	0.00011	0.02369	3.39108E-07	0.06532	6.00616E-06	0.00012
444272.99	3747185.77	36070.83486	0.00008	0.02372	3.39537E-07	0.06178	5.68066E-06	0.00009
444372.99	3747185.77	28781.62787	0.00007	0.02340	3.34957E-07	0.05771	5.30642E-06	0.00007
444472.99	3747185.77	23544.8421	0.00005	0.02256	3.22933E-07	0.05309	4.88162E-06	0.00006
444572.99	3747185.77	19933.52106	0.00005	0.02149	3.07616E-07	0.04949	4.55060E-06	0.00005
444672.99	3747185.77	17335.878	0.00004	0.02033	2.91012E-07	0.04684	4.30693E-06	0.00005
444772.99	3747185.77	15280.27518	0.00004	0.01912	2.73691E-07	0.04438	4.08073E-06	0.00004
444872.99	3747185.77	13689.80145	0.00003	0.01802	2.57945E-07	0.04210	3.87109E-06	0.00004
444972.99	3747185.77	12412.60824	0.00003	0.01710	2.44776E-07	0.03975	3.65500E-06	0.00003
445072.99	3747185.77	11343.53923	0.00003	0.01637	2.34327E-07	0.03743	3.44168E-06	0.00003
445172.99	3747185.77	10448.35434	0.00002	0.01584	2.26740E-07	0.03544	3.25870E-06	0.00003
445272.99	3747185.77	9719.27185	0.00002	0.01547	2.21444E-07	0.03379	3.10698E-06	0.00003
445372.99	3747185.77	9037.83716	0.00002	0.01511	2.16290E-07	0.03204	2.94607E-06	0.00002
445472.99	3747185.77	8440.92228	0.00002	0.01474	2.10994E-07	0.03032	2.78792E-06	0.00002
445572.99	3747185.77	7914.78359	0.00002	0.01435	2.05412E-07	0.02867	2.63620E-06	0.00002
444172.99	3747285.77	76910.80717	0.00018	0.02562	3.66735E-07	0.07905	7.26863E-06	0.00019
444272.99	3747285.77	52107.24958	0.00012	0.02541	3.63729E-07	0.07290	6.70314E-06	0.00013
444372.99	3747285.77	38305.54689	0.00009	0.02472	3.53852E-07	0.06724	6.18270E-06	0.00010
444472.99	3747285.77	29912.32438	0.00007	0.02360	3.37820E-07	0.06193	5.69445E-06	0.00008
444572.99	3747285.77	24413.72426	0.00006	0.02225	3.18495E-07	0.05743	5.28068E-06	0.00006
444672.99	3747285.77	20479.76338	0.00005	0.02082	2.98026E-07	0.05363	4.93127E-06	0.00005
444772.99	3747285.77	17590.99786	0.00004	0.01948	2.78844E-07	0.05026	4.62140E-06	0.00005
444872.99	3747285.77	15450.1467	0.00004	0.01839	2.63242E-07	0.04709	4.32992E-06	0.00004
444972.99	3747285.77	13731.21867	0.00003	0.01754	2.51074E-07	0.04381	4.02832E-06	0.00004
445072.99	3747285.77	12392.71842	0.00003	0.01694	2.42486E-07	0.04098	3.76810E-06	0.00003
445172.99	3747285.77	11291.96327	0.00003	0.01649	2.36044E-07	0.03856	3.54558E-06	0.00003
445272.99	3747285.77	10373.34735	0.00002	0.01610	2.30462E-07	0.03638	3.34513E-06	0.00003
445372.99	3747285.77	9596.84047	0.00002	0.01570	2.24736E-07	0.03428	3.15204E-06	0.00003
445472.99	3747285.77	8934.88398	0.00002	0.01526	2.18438E-07	0.03228	2.96814E-06	0.00002
445572.99	3747285.77	8349.29477	0.00002	0.01475	2.11137E-07	0.03037	2.79252E-06	0.00002
444172.99	3747385.77	114206.4687	0.00027	0.02775	3.97224E-07	0.10003	9.19774E-06	0.00028
444272.99	3747385.77	71489.65336	0.00017	0.02716	3.88779E-07	0.08976	8.25341E-06	0.00018
444372.99	3747385.77	49973.32393	0.00012	0.02607	3.73176E-07	0.08131	7.47644E-06	0.00012
444472.99	3747385.77	37613.24672	0.00009	0.02463	3.52564E-07	0.07400	6.80429E-06	0.00009
444572.99	3747385.77	29949.0782	0.00007	0.02312	3.30949E-07	0.06818	6.26914E-06	0.00008
444672.99	3747385.77	23789.08825	0.00006	0.02124	3.04038E-07	0.06178	5.68066E-06	0.00006
444772.99	3747385.77	19934.89263	0.00005	0.01990	2.84856E-07	0.05705	5.24574E-06	0.00005
444872.99	3747385.77	17129.07172	0.00004	0.01891	2.70685E-07	0.05252	4.82920E-06	0.00005
444972.99	3747385.77	15023.72637	0.00004	0.01820	2.60522E-07	0.04839	4.44945E-06	0.00004
445072.99	3747385.77	13355.55417	0.00003	0.01765	2.52649E-07	0.04480	4.11935E-06	0.00004
445172.99	3747385.77	12055.55268	0.00003	0.01719	2.46064E-07	0.04186	3.84902E-06	0.00003
445272.99	3747385.77	11004.48444	0.00003	0.01671	2.39194E-07	0.03918	3.60259E-06	0.00003
445372.99	3747385.77	10162.78317	0.00002	0.01622	2.32179E-07	0.03673	3.37732E-06	0.00003
445472.99	3747385.77	9431.29039	0.00002	0.01566	2.24163E-07	0.03436	3.15940E-06	0.00003
445572.99	3747385.77	8797.93874	0.00002	0.01511	2.16290E-07	0.03215	2.95619E-06	0.00002
444172.99	3747485.77	151877.0187	0.00035	0.03004	4.30004E-07	0.13369	1.22928E-05	0.00037
444272.99	3747485.77	89445.08799	0.00021	0.02878	4.11968E-07	0.11434	1.05135E-05	0.00022
444372.99	3747485.77	61392.41098	0.00014	0.02733	3.91212E-07	0.10152	9.33474E-06	0.00015
444472.99	3747485.77	44597.81961	0.00010	0.02543	3.64015E-07	0.08976	8.25341E-06	0.00011
444572.99	3747485.77	33560.29456	0.00008	0.02335	3.34241E-07	0.07937	7.29806E-06	0.00009
444672.99	3747485.77	26489.28262	0.00006	0.02165	3.09907E-07	0.07116	6.54315E-06	0.00007
444772.99	3747485.77	21941.86438	0.00005	0.02051	2.93588E-07	0.06475	5.95375E-06	0.00006
444872.99	3747485.77	18601.37626	0.00004	0.01967	2.81564E-07	0.05868	5.39561E-06	0.00005
444972.99	3747485.77	16146.75813	0.00004	0.01904	2.72546E-07	0.05351	4.92023E-06	0.00004
445072.99	3747485.77	14249.94123	0.00003	0.01845	2.64101E-07	0.04918	4.52209E-06	0.00004
445172.99	3747485.77	12790.41472	0.00003	0.01786	2.55655E-07	0.04553	4.18647E-06	0.00003
445272.99	3747485.77	11639.56754	0.00003	0.01725	2.46923E-07	0.04224	3.88396E-06	0.00003

445372.99	3747485.77	10712.8063	0.00002	0.01665	2.38335E-07	0.03924	3.60811E-06	0.00003
445472.99	3747485.77	9957.74921	0.00002	0.01611	2.30605E-07	0.03655	3.36077E-06	0.00003
445572.99	3747485.77	9331.40926	0.00002	0.01568	2.24450E-07	0.03417	3.14192E-06	0.00003
444172.99	3747585.77	181854.603	0.00042	0.03234	4.62927E-07	0.18696	1.71909E-05	0.00044
444272.99	3747585.77	100974.3669	0.00024	0.03030	4.33726E-07	0.15077	1.38633E-05	0.00025
444372.99	3747585.77	67868.59582	0.00016	0.02834	4.05670E-07	0.12793	1.17631E-05	0.00017
444472.99	3747585.77	48215.52557	0.00011	0.02601	3.72317E-07	0.10883	1.00069E-05	0.00012
444572.99	3747585.77	35716.21632	0.00008	0.02381	3.40826E-07	0.09311	8.56145E-06	0.00009
444672.99	3747585.77	28372.76631	0.00007	0.02241	3.20786E-07	0.08247	7.58310E-06	0.00007
444772.99	3747585.77	23386.21451	0.00005	0.02144	3.06901E-07	0.07370	6.77670E-06	0.00006
444872.99	3747585.77	19722.49006	0.00005	0.02064	2.95449E-07	0.06575	6.04570E-06	0.00005
444972.99	3747585.77	17038.83606	0.00004	0.01991	2.85000E-07	0.05923	5.44619E-06	0.00005
445072.99	3747585.77	15066.63126	0.00004	0.01921	2.74979E-07	0.05412	4.97632E-06	0.00004
445172.99	3747585.77	13489.02501	0.00003	0.01847	2.64387E-07	0.04952	4.55335E-06	0.00004
445272.99	3747585.77	12281.77979	0.00003	0.01781	2.54939E-07	0.04555	4.18831E-06	0.00003
445372.99	3747585.77	11318.81326	0.00003	0.01728	2.47353E-07	0.04205	3.86649E-06	0.00003
445472.99	3747585.77	10515.86921	0.00002	0.01686	2.41341E-07	0.03892	3.57869E-06	0.00003
445572.99	3747585.77	9888.17219	0.00002	0.01665	2.38335E-07	0.03635	3.34238E-06	0.00003
444172.99	3747685.77	158862.0873	0.00037	0.03471	4.96853E-07	0.26299	2.41819E-05	0.00040
444272.99	3747685.77	96509.28366	0.00023	0.03194	4.57202E-07	0.19937	1.83320E-05	0.00024
444372.99	3747685.77	65730.21331	0.00015	0.02926	4.18839E-07	0.15950	1.46660E-05	0.00017
444472.99	3747685.77	47086.8567	0.00011	0.02664	3.81335E-07	0.13013	1.19654E-05	0.00012
444572.99	3747685.77	35750.1885	0.00008	0.02469	3.53422E-07	0.10917	1.00382E-05	0.00009
444672.99	3747685.77	28694.87644	0.00007	0.02346	3.35816E-07	0.09476	8.71316E-06	0.00008
444772.99	3747685.77	23804.85116	0.00006	0.02249	3.21931E-07	0.08299	7.63091E-06	0.00006
444872.99	3747685.77	20322.38774	0.00005	0.02163	3.09620E-07	0.07335	6.74452E-06	0.00005
444972.99	3747685.77	17685.53131	0.00004	0.02075	2.97024E-07	0.06553	6.02547E-06	0.00005
445072.99	3747685.77	15702.58219	0.00004	0.01995	2.85572E-07	0.05928	5.45078E-06	0.00004
445172.99	3747685.77	14148.16717	0.00003	0.01926	2.75695E-07	0.05385	4.95150E-06	0.00004
445272.99	3747685.77	12898.03385	0.00003	0.01872	2.67965E-07	0.04904	4.50922E-06	0.00003
445372.99	3747685.77	11884.21353	0.00003	0.01834	2.62526E-07	0.04490	4.12855E-06	0.00003
445472.99	3747685.77	11049.88405	0.00003	0.01813	2.59520E-07	0.04140	3.80672E-06	0.00003
445572.99	3747685.77	10349.19814	0.00002	0.01804	2.58232E-07	0.03849	3.53915E-06	0.00003
444172.99	3747785.77	116724.1697	0.00027	0.03674	5.25911E-07	0.34689	3.18965E-05	0.00030
444272.99	3747785.77	78001.26389	0.00018	0.03334	4.77242E-07	0.24961	2.29516E-05	0.00021
444372.99	3747785.77	57565.43482	0.00013	0.03061	4.38164E-07	0.19359	1.78006E-05	0.00015
444472.99	3747785.77	42739.95234	0.00010	0.02781	3.98083E-07	0.15321	1.40876E-05	0.00011
444572.99	3747785.77	33726.33708	0.00008	0.02604	3.72747E-07	0.12656	1.16372E-05	0.00009
444672.99	3747785.77	27740.61196	0.00006	0.02474	3.54138E-07	0.10760	9.89380E-06	0.00007
444772.99	3747785.77	23650.12604	0.00006	0.02370	3.39251E-07	0.09314	8.56420E-06	0.00006
444872.99	3747785.77	20479.0748	0.00005	0.02266	3.24364E-07	0.08129	7.47460E-06	0.00006
444972.99	3747785.77	18019.62724	0.00004	0.02173	3.11052E-07	0.07199	6.61947E-06	0.00005
445072.99	3747785.77	16099.08112	0.00004	0.02098	3.00316E-07	0.06433	5.91513E-06	0.00004
445172.99	3747785.77	14644.76731	0.00003	0.02054	2.94018E-07	0.05800	5.33309E-06	0.00004
445272.99	3747785.77	13413.41867	0.00003	0.02023	2.89580E-07	0.05243	4.82093E-06	0.00004
445372.99	3747785.77	12361.72794	0.00003	0.02002	2.86574E-07	0.04772	4.38784E-06	0.00003
445472.99	3747785.77	11489.65545	0.00003	0.01993	2.85286E-07	0.04391	4.03752E-06	0.00003
445572.99	3747785.77	10727.71707	0.00003	0.01984	2.83998E-07	0.04072	3.74420E-06	0.00003
444172.99	3747885.77	81437.16783	0.00019	0.03863	5.52965E-07	0.39920	3.67064E-05	0.00023
444272.99	3747885.77	59337.90119	0.00014	0.03495	5.00288E-07	0.28693	2.63832E-05	0.00017
444372.99	3747885.77	46447.28747	0.00011	0.03207	4.59063E-07	0.22063	2.02869E-05	0.00013
444472.99	3747885.77	36989.70964	0.00009	0.02955	4.22990E-07	0.17503	1.60940E-05	0.00010
444572.99	3747885.77	30332.67087	0.00007	0.02751	3.93789E-07	0.14200	1.30569E-05	0.00008
444672.99	3747885.77	26086.65635	0.00006	0.02616	3.74465E-07	0.11994	1.10285E-05	0.00007
444772.99	3747885.77	22854.24142	0.00005	0.02502	3.58146E-07	0.10281	9.45336E-06	0.00006
444872.99	3747885.77	20189.35878	0.00005	0.02402	3.43832E-07	0.08912	8.19457E-06	0.00006
444972.99	3747885.77	18048.34375	0.00004	0.02326	3.32953E-07	0.07823	7.19323E-06	0.00005
445072.99	3747885.77	16308.31687	0.00004	0.02275	3.25652E-07	0.06914	6.35741E-06	0.00004
445172.99	3747885.77	14953.75264	0.00003	0.02253	3.22503E-07	0.06184	5.68618E-06	0.00004

445272.99	3747885.77	13770.49896	0.00003	0.02239	3.20499E-07	0.05570	5.12160E-06	0.00004
445372.99	3747885.77	12721.8992	0.00003	0.02222	3.18066E-07	0.05065	4.65726E-06	0.00003
445472.99	3747885.77	11765.53487	0.00003	0.02194	3.14058E-07	0.04643	4.26923E-06	0.00003
445572.99	3747885.77	10945.96967	0.00003	0.02160	3.09191E-07	0.04293	3.94741E-06	0.00003
444172.99	3747985.77	55924.70375	0.00013	0.04201	6.01348E-07	0.41060	3.77546E-05	0.00017
444272.99	3747985.77	44570.01751	0.00010	0.03701	5.29776E-07	0.30811	2.83307E-05	0.00013
444372.99	3747985.77	36556.50175	0.00009	0.03347	4.79103E-07	0.23882	2.19595E-05	0.00011
444472.99	3747985.77	31221.96335	0.00007	0.03110	4.45178E-07	0.19035	1.75026E-05	0.00009
444572.99	3747985.77	27353.58079	0.00006	0.02935	4.20127E-07	0.15688	1.44251E-05	0.00008
444672.99	3747985.77	24305.96107	0.00006	0.02799	4.00660E-07	0.13180	1.21190E-05	0.00007
444772.99	3747985.77	21797.59552	0.00005	0.02696	3.85916E-07	0.11205	1.03030E-05	0.00006
444872.99	3747985.77	19733.36497	0.00005	0.02625	3.75753E-07	0.09680	8.90074E-06	0.00006
444972.99	3747985.77	17930.37072	0.00004	0.02574	3.68452E-07	0.08421	7.74309E-06	0.00005
445072.99	3747985.77	16410.96302	0.00004	0.02542	3.63872E-07	0.07395	6.79969E-06	0.00005
445172.99	3747985.77	15047.66968	0.00004	0.02509	3.59148E-07	0.06553	6.02547E-06	0.00004
445272.99	3747985.77	13898.35718	0.00003	0.02478	3.54711E-07	0.05897	5.42228E-06	0.00004
445372.99	3747985.77	12830.42342	0.00003	0.02430	3.47840E-07	0.05352	4.92115E-06	0.00004
445472.99	3747985.77	11857.42183	0.00003	0.02365	3.38535E-07	0.04895	4.50094E-06	0.00003
445572.99	3747985.77	11013.81169	0.00003	0.02294	3.28372E-07	0.04509	4.14602E-06	0.00003
444172.99	3748085.77	45041.87826	0.00011	0.04402	6.30120E-07	0.46067	4.23585E-05	0.00015
444272.99	3748085.77	37004.70077	0.00009	0.03887	5.56400E-07	0.33691	3.09788E-05	0.00012
444372.99	3748085.77	31941.52526	0.00007	0.03573	5.11453E-07	0.26059	2.39612E-05	0.00010
444472.99	3748085.77	28341.75911	0.00007	0.03360	4.80964E-07	0.20921	1.92368E-05	0.00009
444572.99	3748085.77	25458.89558	0.00006	0.03201	4.58204E-07	0.17218	1.58319E-05	0.00008
444672.99	3748085.77	23101.86145	0.00005	0.03087	4.41885E-07	0.14362	1.32058E-05	0.00007
444772.99	3748085.77	21134.25756	0.00005	0.03012	4.31150E-07	0.12165	1.11857E-05	0.00006
444872.99	3748085.77	19388.51953	0.00005	0.02957	4.23277E-07	0.10434	9.59404E-06	0.00006
444972.99	3748085.77	17745.66252	0.00004	0.02899	4.14974E-07	0.08995	8.27089E-06	0.00005
445072.99	3748085.77	16276.24095	0.00004	0.02836	4.05956E-07	0.07846	7.21438E-06	0.00005
445172.99	3748085.77	14966.60006	0.00003	0.02764	3.95650E-07	0.06946	6.38683E-06	0.00004
445272.99	3748085.77	13799.50755	0.00003	0.02681	3.83769E-07	0.06231	5.72939E-06	0.00004
445372.99	3748085.77	12768.65175	0.00003	0.02588	3.70456E-07	0.05644	5.18965E-06	0.00004
445472.99	3748085.77	11830.46625	0.00003	0.02486	3.55856E-07	0.05147	4.73266E-06	0.00003
445572.99	3748085.77	10999.6492	0.00003	0.02383	3.41112E-07	0.04727	4.34647E-06	0.00003
444172.99	3748185.77	50920.13637	0.00012	0.04679	6.69770E-07	0.60565	5.56894E-05	0.00018
444272.99	3748185.77	38987.21876	0.00009	0.04240	6.06930E-07	0.40770	3.74879E-05	0.00013
444372.99	3748185.77	32494.50956	0.00008	0.03952	5.65705E-07	0.30168	2.77394E-05	0.00010
444472.99	3748185.77	28360.29373	0.00007	0.03761	5.38364E-07	0.23633	2.17305E-05	0.00009
444572.99	3748185.77	25371.50887	0.00006	0.03625	5.18897E-07	0.19159	1.76167E-05	0.00008
444672.99	3748185.77	22943.4887	0.00005	0.03515	5.03151E-07	0.15744	1.44766E-05	0.00007
444772.99	3748185.77	20853.90884	0.00005	0.03416	4.88980E-07	0.13147	1.20886E-05	0.00006
444872.99	3748185.77	19154.18036	0.00004	0.03334	4.77242E-07	0.11188	1.02873E-05	0.00006
444972.99	3748185.77	17486.33231	0.00004	0.03219	4.60780E-07	0.09567	8.79684E-06	0.00005
445072.99	3748185.77	16027.81473	0.00004	0.03094	4.42887E-07	0.08323	7.65298E-06	0.00005
445172.99	3748185.77	14743.66503	0.00003	0.02963	4.24135E-07	0.07356	6.76383E-06	0.00004
445272.99	3748185.77	13622.3325	0.00003	0.02830	4.05097E-07	0.06580	6.05030E-06	0.00004
445372.99	3748185.77	12627.61543	0.00003	0.02698	3.86202E-07	0.05937	5.45906E-06	0.00004
445472.99	3748185.77	11744.9643	0.00003	0.02572	3.68166E-07	0.05401	4.96621E-06	0.00003
445572.99	3748185.77	10961.01614	0.00003	0.02454	3.51275E-07	0.04953	4.55427E-06	0.00003
444172.99	3748285.77	67202.20138	0.00016	0.05242	7.50360E-07	0.98862	9.09034E-05	0.00025
444272.99	3748285.77	47708.39436	0.00011	0.04861	6.95823E-07	0.56263	5.17337E-05	0.00016
444372.99	3748285.77	37500.44488	0.00009	0.04597	6.58033E-07	0.38356	3.52683E-05	0.00012
444472.99	3748285.77	31124.53737	0.00007	0.04379	6.26827E-07	0.28349	2.60669E-05	0.00010
444572.99	3748285.77	26822.28595	0.00006	0.04200	6.01205E-07	0.22057	2.02814E-05	0.00008
444672.99	3748285.77	23586.41494	0.00006	0.04026	5.76297E-07	0.17608	1.61905E-05	0.00007
444772.99	3748285.77	21113.89181	0.00005	0.03860	5.52536E-07	0.14436	1.32739E-05	0.00006
444872.99	3748285.77	19002.77991	0.00004	0.03672	5.25625E-07	0.12005	1.10386E-05	0.00006
444972.99	3748285.77	17241.17142	0.00004	0.03479	4.97998E-07	0.10194	9.37336E-06	0.00005
445072.99	3748285.77	15787.68747	0.00004	0.03294	4.71516E-07	0.08842	8.13020E-06	0.00005

445172.99	3748285.77	14517.91722	0.00003	0.03112	4.45464E-07	0.07778	7.15186E-06	0.00004
445272.99	3748285.77	13447.1325	0.00003	0.02948	4.21988E-07	0.06932	6.37396E-06	0.00004
445372.99	3748285.77	12497.19826	0.00003	0.02795	4.00087E-07	0.06240	5.73767E-06	0.00004
445472.99	3748285.77	11647.68398	0.00003	0.02656	3.80190E-07	0.05666	5.20988E-06	0.00003
445572.99	3748285.77	10900.89601	0.00003	0.02530	3.62154E-07	0.05178	4.76116E-06	0.00003
444172.99	3748385.77	88971.92844	0.00021	0.06248	8.94363E-07	2.70863	2.49058E-04	0.00046
444272.99	3748385.77	58402.09054	0.00014	0.05785	8.28088E-07	0.93435	8.59133E-05	0.00022
444372.99	3748385.77	43361.35133	0.00010	0.05419	7.75697E-07	0.53232	4.89467E-05	0.00015
444472.99	3748385.77	34494.1625	0.00008	0.05107	7.31036E-07	0.35952	3.30578E-05	0.00011
444572.99	3748385.77	28519.22312	0.00007	0.04800	6.87091E-07	0.26123	2.40200E-05	0.00009
444672.99	3748385.77	24425.29614	0.00006	0.04514	6.46152E-07	0.20011	1.84001E-05	0.00008
444772.99	3748385.77	21458.2797	0.00005	0.04235	6.06215E-07	0.15894	1.46145E-05	0.00007
444872.99	3748385.77	19093.05763	0.00004	0.03959	5.66707E-07	0.13002	1.19553E-05	0.00006
444972.99	3748385.77	17116.0284	0.00004	0.03688	5.27915E-07	0.10910	1.00317E-05	0.00005
445072.99	3748385.77	15650.32844	0.00004	0.03459	4.95135E-07	0.09406	8.64880E-06	0.00005
445172.99	3748385.77	14355.38164	0.00003	0.03245	4.64502E-07	0.08225	7.56287E-06	0.00004
445272.99	3748385.77	13289.49325	0.00003	0.03060	4.38020E-07	0.07301	6.71326E-06	0.00004
445372.99	3748385.77	12365.95918	0.00003	0.02896	4.14545E-07	0.06545	6.01811E-06	0.00004
445472.99	3748385.77	11571.5457	0.00003	0.02752	3.93932E-07	0.05909	5.43331E-06	0.00003
445572.99	3748385.77	10825.19526	0.00003	0.02613	3.74035E-07	0.05365	4.93311E-06	0.00003
444172.99	3748485.77	89685.51685	0.00021	0.07524	1.07701E-06	5.06212	4.65461E-04	0.00068
444272.99	3748485.77	62133.63553	0.00014	0.06870	9.83399E-07	2.14399	1.97139E-04	0.00034
444372.99	3748485.77	46583.3218	0.00011	0.06349	9.08821E-07	0.83445	7.67275E-05	0.00019
444472.99	3748485.77	36530.82707	0.00009	0.05844	8.36533E-07	0.48158	4.42812E-05	0.00013
444572.99	3748485.77	29821.32815	0.00007	0.05371	7.68826E-07	0.32045	2.94653E-05	0.00010
444672.99	3748485.77	25128.54728	0.00006	0.04936	7.06558E-07	0.23094	2.12349E-05	0.00008
444772.99	3748485.77	21713.03776	0.00005	0.04543	6.50303E-07	0.17660	1.62383E-05	0.00007
444872.99	3748485.77	19210.106	0.00004	0.04206	6.02063E-07	0.14200	1.30569E-05	0.00006
444972.99	3748485.77	17183.45004	0.00004	0.03897	5.57832E-07	0.11790	1.08409E-05	0.00005
445072.99	3748485.77	15518.91931	0.00004	0.03620	5.18181E-07	0.10022	9.21521E-06	0.00005
445172.99	3748485.77	14238.49138	0.00003	0.03394	4.85831E-07	0.08706	8.00515E-06	0.00004
445272.99	3748485.77	13125.00088	0.00003	0.03188	4.56343E-07	0.07651	7.03508E-06	0.00004
445372.99	3748485.77	12220.60258	0.00003	0.03017	4.31865E-07	0.06798	6.25075E-06	0.00004
445472.99	3748485.77	11400.74121	0.00003	0.02856	4.08819E-07	0.06088	5.59790E-06	0.00003
445572.99	3748485.77	10683.87176	0.00002	0.02714	3.88493E-07	0.05492	5.04988E-06	0.00003
443047.86	3748855.7	210012.8747	0.00049	1.16706	1.67058E-05	0.03895	3.58144E-06	0.00051
443030.11	3748868.74	202622.1856	0.00047	0.99029	1.41754E-05	0.03798	3.49225E-06	0.00049
443016.91	3748884.58	220213.9166	0.00051	0.88024	1.26001E-05	0.03706	3.40766E-06	0.00053
442999.31	3748898.66	211000.3739	0.00049	0.76221	1.09106E-05	0.03613	3.32215E-06	0.00051
442983.47	3748918.02	220427.9238	0.00051	0.67038	9.59608E-06	0.03512	3.22928E-06	0.00053
442962.35	3748934.74	202222.5618	0.00047	0.57481	8.22806E-06	0.03412	3.13733E-06	0.00048
442947.39	3748948.82	192719.6938	0.00045	0.51727	7.40441E-06	0.03340	3.07112E-06	0.00046
442935.07	3748963.78	192203.6578	0.00045	0.47339	6.77629E-06	0.03274	3.01044E-06	0.00046
442916.59	3748985.78	194353.7418	0.00045	0.41469	5.93604E-06	0.03171	2.91573E-06	0.00046
442898.98	3749001.62	177140.4776	0.00041	0.36979	5.29332E-06	0.03093	2.84401E-06	0.00042
442881.38	3749017.46	155340.8234	0.00036	0.33228	4.75639E-06	0.03026	2.78240E-06	0.00037
442868.18	3749033.31	142109.9448	0.00033	0.30498	4.36560E-06	0.02966	2.72723E-06	0.00034
442854.1	3749046.51	120139.2036	0.00028	0.28105	4.02306E-06	0.02915	2.68034E-06	0.00029
442832.98	3749062.35	86466.1982	0.00020	0.25129	3.59706E-06	0.02848	2.61873E-06	0.00021
442816.26	3749081.71	65380.88559	0.00015	0.22807	3.26468E-06	0.02783	2.55896E-06	0.00016
442801.3	3749094.91	51695.4329	0.00012	0.21126	3.02406E-06	0.02734	2.51391E-06	0.00013
442780.18	3749111.63	39318.28796	0.00009	0.19090	2.73262E-06	0.02669	2.45414E-06	0.00010
442764.34	3749127.47	32709.28705	0.00008	0.17669	2.52921E-06	0.02619	2.40817E-06	0.00008
442750.26	3749130.11	29688.05431	0.00007	0.16864	2.41398E-06	0.02597	2.38794E-06	0.00007
442722.1	3749138.03	24768.17223	0.00006	0.15355	2.19798E-06	0.02549	2.34380E-06	0.00006
442705.38	3749146.83	22404.14596	0.00005	0.14457	2.06943E-06	0.02511	2.30886E-06	0.00006
442678.1	3749144.19	20231.02573	0.00005	0.13481	1.92972E-06	0.02478	2.27852E-06	0.00005
442659.62	3749147.71	18786.18742	0.00004	0.12784	1.82995E-06	0.02448	2.25093E-06	0.00005
442638.49	3749145.07	17606.57505	0.00004	0.12161	1.74077E-06	0.02423	2.22794E-06	0.00005

442662.26	3749101.07	20772.64481	0.00005	0.13666	1.95620E-06	0.02523	2.31989E-06	0.00005
442694.82	3749095.79	24087.61576	0.00006	0.15076	2.15804E-06	0.02579	2.37139E-06	0.00006
442709.78	3749094.03	25988.60316	0.00006	0.15790	2.26024E-06	0.02604	2.39437E-06	0.00007
442730.02	3749086.99	29427.25996	0.00007	0.16957	2.42729E-06	0.02647	2.43391E-06	0.00007
442752.02	3749068.51	34986.54241	0.00008	0.18672	2.67278E-06	0.02715	2.49644E-06	0.00009
442796.9	3749035.95	51002.74456	0.00012	0.22883	3.27556E-06	0.02854	2.62425E-06	0.00012
442817.14	3749007.78	57950.67101	0.00014	0.25664	3.67365E-06	0.02949	2.71160E-06	0.00014
442845.3	3748987.54	71715.26817	0.00017	0.29572	4.23305E-06	0.03044	2.79895E-06	0.00017
442865.54	3748973.46	82989.47291	0.00019	0.32894	4.70858E-06	0.03113	2.86240E-06	0.00020
442840.9	3748956.74	60505.14351	0.00014	0.29743	4.25753E-06	0.03105	2.85504E-06	0.00015
442888.42	3748944.42	86702.41897	0.00020	0.37644	5.38851E-06	0.03234	2.97366E-06	0.00021
442871.7	3748932.1	69369.71374	0.00016	0.34792	4.98026E-06	0.03230	2.96998E-06	0.00017
442872.58	3748910.98	63308.89916	0.00015	0.35178	5.03552E-06	0.03282	3.01779E-06	0.00016
442880.5	3748896.9	62905.42944	0.00015	0.36682	5.25081E-06	0.03335	3.06653E-06	0.00016
442906.02	3748895.14	75267.11039	0.00018	0.42037	6.01734E-06	0.03399	3.12537E-06	0.00018
442925.39	3748905.7	93494.90827	0.00022	0.46767	6.69441E-06	0.03421	3.14560E-06	0.00023
442928.03	3748871.38	76464.68309	0.00018	0.47456	6.79304E-06	0.03520	3.23663E-06	0.00019
442942.99	3748881.94	92304.92789	0.00022	0.52148	7.46467E-06	0.03529	3.24491E-06	0.00023
442959.71	3748871.38	98151.40109	0.00023	0.58004	8.30292E-06	0.03602	3.31203E-06	0.00024
442923.63	3748842.34	62944.78799	0.00015	0.45462	6.50761E-06	0.03590	3.30100E-06	0.00016
442937.71	3748821.22	60657.23003	0.00014	0.48229	6.90369E-06	0.03692	3.39479E-06	0.00015
442971.15	3748822.98	74911.66051	0.00017	0.60302	8.63187E-06	0.03781	3.47662E-06	0.00019
442986.11	3748841.46	95832.1247	0.00022	0.68802	9.84859E-06	0.03763	3.46007E-06	0.00024
442985.23	3748812.42	75851.49547	0.00018	0.65520	9.37879E-06	0.03857	3.54650E-06	0.00019
443001.95	3748822.1	90383.00519	0.00021	0.75575	1.08181E-05	0.03878	3.56581E-06	0.00023
443063.55	3748836.18	185637.3896	0.00043	1.36712	1.95695E-05	0.04016	3.69270E-06	0.00046
443064.43	3748815.06	138633.1395	0.00032	1.34855	1.93037E-05	0.04095	3.76534E-06	0.00035
443051.23	3748791.3	99745.47349	0.00023	1.11035	1.58940E-05	0.04124	3.79201E-06	0.00025
443003.71	3748799.22	76578.1778	0.00018	0.73147	1.04705E-05	0.03961	3.64213E-06	0.00019
442974.67	3748795.7	63979.92921	0.00015	0.58480	8.37106E-06	0.03881	3.56857E-06	0.00016
443038.91	3748779.86	83682.53834	0.00020	0.94633	1.35461E-05	0.04126	3.79385E-06	0.00021
443027.47	3748759.61	68011.07879	0.00016	0.78572	1.12471E-05	0.04165	3.82971E-06	0.00017
443023.95	3748743.77	61456.1562	0.00014	0.71380	1.02176E-05	0.04207	3.86833E-06	0.00016
443008.99	3748724.41	52834.20768	0.00012	0.58681	8.39983E-06	0.04223	3.88304E-06	0.00014
443008.99	3748702.41	48812.67458	0.00011	0.53777	7.69785E-06	0.04294	3.94832E-06	0.00013
443097.87	3748795.7	144509.399	0.00034	1.95322	2.79592E-05	0.04273	3.92902E-06	0.00037
443090.83	3748778.98	112513.4431	0.00026	1.64624	2.35649E-05	0.04303	3.95660E-06	0.00029
443071.47	3748764.01	89735.28573	0.00021	1.22125	1.74815E-05	0.04280	3.93545E-06	0.00023
443064.43	3748742.01	75079.60815	0.00018	1.01173	1.44823E-05	0.04326	3.97775E-06	0.00019
443051.23	3748723.53	64913.31441	0.00015	0.82158	1.17604E-05	0.04336	3.98694E-06	0.00017
443042.43	3748707.69	58084.14359	0.00014	0.70747	1.01270E-05	0.04365	4.01361E-06	0.00015
443042.43	3748691.85	54575.3697	0.00013	0.65272	9.34329E-06	0.04419	4.06326E-06	0.00014
443141.87	3748742.01	92508.44877	0.00022	2.29450	3.28444E-05	0.04659	4.28394E-06	0.00025
443121.63	3748726.17	79821.55011	0.00019	1.53496	2.19720E-05	0.04631	4.25820E-06	0.00021
443107.55	3748705.05	69228.67506	0.00016	1.11935	1.60228E-05	0.04645	4.27107E-06	0.00018
443088.19	3748676.01	58785.20774	0.00014	0.78875	1.12905E-05	0.04662	4.28670E-06	0.00015
443145.39	3748708.57	76310.63869	0.00018	1.53184	2.19274E-05	0.04817	4.42922E-06	0.00020
443176.19	3748679.53	72940.98443	0.00017	1.23576	1.76892E-05	0.05108	4.69680E-06	0.00019
443103.15	3748670.73	59844.50534	0.00014	0.82510	1.18108E-05	0.04755	4.37221E-06	0.00016
443230.76	3748790.42	130882.1845	0.00031	18.60532	2.66324E-04	0.04933	4.53588E-06	0.00058
443242.2	3748767.54	114843.5176	0.00027	6.59912	9.44624E-05	0.05107	4.69588E-06	0.00037
443255.4	3748742.89	106729.7963	0.00025	3.31496	4.74516E-05	0.05299	4.87242E-06	0.00030
443265.08	3748712.97	101194.9204	0.00024	1.91868	2.74647E-05	0.05509	5.06551E-06	0.00027
443278.28	3748687.45	103454.928	0.00024	1.34529	1.92570E-05	0.05722	5.26137E-06	0.00027
443297.64	3748659.29	115486.7744	0.00027	0.95696	1.36983E-05	0.06029	5.54365E-06	0.00029
443306.44	3748793.94	176747.1812	0.00041	5.89623	8.44010E-05	0.05284	4.85863E-06	0.00050
443339.88	3748786.02	218855.1373	0.00051	3.56274	5.09985E-05	0.05536	5.09034E-06	0.00057
443371.56	3748768.42	254359.1701	0.00059	2.13893	3.06175E-05	0.05886	5.41217E-06	0.00063
443392.68	3748756.97	283191.5399	0.00066	1.62568	2.32706E-05	0.06126	5.63285E-06	0.00069

443418.2	3748739.37	305319.471	0.00071	1.17862	1.68712E-05	0.06463	5.94272E-06	0.00074
443444.6	3748724.41	331339.4108	0.00077	0.91862	1.31495E-05	0.06799	6.25167E-06	0.00079
443471.89	3748711.21	352629.5049	0.00082	0.73086	1.04618E-05	0.07205	6.62498E-06	0.00084
443496.53	3748694.49	350021.8916	0.00082	0.59044	8.45179E-06	0.07635	7.02037E-06	0.00083
443525.57	3748681.29	373050.6798	0.00087	0.49316	7.05929E-06	0.08106	7.45345E-06	0.00088
443548.45	3748668.09	358960.5146	0.00084	0.42023	6.01534E-06	0.08582	7.89113E-06	0.00085
443583.65	3748651.37	400462.1822	0.00093	0.34539	4.94405E-06	0.09328	8.57708E-06	0.00095
443383	3748960.26	133538.0916	0.00031	5.96445	8.53775E-05	0.04935	4.53772E-06	0.00040
443380.36	3748936.5	162270.5185	0.00038	5.89136	8.43312E-05	0.05043	4.63703E-06	0.00047
443370.68	3748910.1	240582.1946	0.00056	6.18113	8.84791E-05	0.05127	4.71427E-06	0.00065
443386.52	3748896.02	322411.9068	0.00075	4.83508	6.92112E-05	0.05297	4.87058E-06	0.00083
443423.48	3748874.9	363290.0509	0.00085	2.97689	4.26124E-05	0.05666	5.20988E-06	0.00090
443448.13	3748859.94	361474.4992	0.00084	2.21746	3.17416E-05	0.05943	5.46458E-06	0.00088
443465.73	3748849.38	354929.9898	0.00083	1.82300	2.60951E-05	0.06153	5.65767E-06	0.00086
443497.41	3748829.14	347474.2568	0.00081	1.30052	1.86162E-05	0.06580	6.05030E-06	0.00084
443513.25	3748820.34	340577.5219	0.00079	1.11900	1.60178E-05	0.06803	6.25535E-06	0.00082
443539.65	3748809.78	331234.3433	0.00077	0.91433	1.30881E-05	0.07150	6.57441E-06	0.00079
443559.89	3748803.62	323858.7384	0.00076	0.80175	1.14766E-05	0.07415	6.81808E-06	0.00077
443581.89	3748796.58	322121.9668	0.00075	0.69818	9.99402E-06	0.07732	7.10956E-06	0.00077
443602.13	3748793.06	309344.0996	0.00072	0.62524	8.94993E-06	0.08023	7.37713E-06	0.00074
443624.13	3748791.3	291487.2123	0.00068	0.56369	8.06888E-06	0.08339	7.66769E-06	0.00070
443642.61	3748786.9	297983.1885	0.00070	0.51578	7.38308E-06	0.08641	7.94538E-06	0.00071
443661.09	3748783.38	296862.9946	0.00069	0.47409	6.78631E-06	0.08960	8.23870E-06	0.00071
443683.97	3748786.02	260171.5022	0.00061	0.43928	6.28803E-06	0.09310	8.56053E-06	0.00062
443535.25	3748597.69	405540.8033	0.00095	0.30735	4.39953E-06	0.09326	8.57524E-06	0.00096
443511.49	3748617.05	378274.7669	0.00088	0.36228	5.18582E-06	0.08701	8.00055E-06	0.00090
443491.25	3748637.29	353207.8124	0.00082	0.42749	6.11926E-06	0.08190	7.53069E-06	0.00084
443468.37	3748647.85	375088.9332	0.00088	0.49445	7.07775E-06	0.07778	7.15186E-06	0.00089
443441.08	3748674.25	298445.2561	0.00070	0.63096	9.03181E-06	0.07252	6.66820E-06	0.00071
443414.68	3748689.21	265378.8818	0.00062	0.78643	1.12573E-05	0.06850	6.29856E-06	0.00064
443389.16	3748705.93	212270.8218	0.00050	1.01202	1.44865E-05	0.06472	5.95099E-06	0.00052
443307.32	3748632.01	122183.1853	0.00029	0.73870	1.05740E-05	0.06289	5.78272E-06	0.00030
443322.28	3748600.33	127391.4149	0.00030	0.57308	8.20329E-06	0.06657	6.12110E-06	0.00031
443336.36	3748572.17	129774.9112	0.00030	0.46485	6.65405E-06	0.07031	6.46499E-06	0.00032
443355.72	3748617.05	213655.3247	0.00050	0.60380	8.64303E-06	0.06799	6.25167E-06	0.00051
443377.72	3748583.61	244593.9398	0.00057	0.47082	6.73950E-06	0.07286	6.69946E-06	0.00058
443387.4	3748555.45	224604.3893	0.00052	0.40157	5.74823E-06	0.07670	7.05255E-06	0.00054
443399.72	3748531.69	244972.8528	0.00057	0.35276	5.04955E-06	0.08038	7.39093E-06	0.00058
443409.4	3748510.57	274026.1709	0.00064	0.31619	4.52607E-06	0.08379	7.70447E-06	0.00065
443339.88	3748550.17	123263.4873	0.00029	0.40894	5.85373E-06	0.07252	6.66820E-06	0.00030
443358.36	3748517.61	126440.3269	0.00030	0.33399	4.78086E-06	0.07783	7.15645E-06	0.00031
443360.12	3748489.44	120131.7484	0.00028	0.29734	4.25624E-06	0.08068	7.41851E-06	0.00029
443372.44	3748464.8	126718.464	0.00030	0.27139	3.88478E-06	0.08451	7.77068E-06	0.00031
443394.44	3748441.04	127907.8979	0.00030	0.23966	3.43059E-06	0.09104	8.37111E-06	0.00031
443497.41	3748439.28	353276.6159	0.00082	0.21416	3.06557E-06	0.10909	1.00308E-05	0.00084
443522.05	3748422.56	264411.2593	0.00062	0.19356	2.77069E-06	0.11899	1.09411E-05	0.00063
443541.41	3748404.08	218742.6918	0.00051	0.17629	2.52348E-06	0.12900	1.18615E-05	0.00052
443557.25	3748392.64	199557.137	0.00047	0.16445	2.35400E-06	0.13736	1.26302E-05	0.00048
443580.13	3748376.8	194395.3589	0.00045	0.15282	2.18753E-06	0.14988	1.37814E-05	0.00047
443602.13	3748365.36	197044.8026	0.00046	0.14348	2.05383E-06	0.16263	1.49538E-05	0.00048
443623.25	3748346	187984.3226	0.00044	0.13391	1.91684E-06	0.18017	1.65666E-05	0.00046
443653.17	3748335.44	216495.8984	0.00051	0.12619	1.80633E-06	0.20126	1.85058E-05	0.00053
443671.65	3748321.36	212457.187	0.00050	0.11948	1.71028E-06	0.22207	2.04193E-05	0.00052
443508.85	3748368.88	128953.6368	0.00030	0.16704	2.39108E-06	0.12895	1.18569E-05	0.00032
443479.81	3748380.32	128402.5187	0.00030	0.18019	2.57931E-06	0.11823	1.08712E-05	0.00031
443526.45	3748355.68	123579.4457	0.00029	0.15704	2.24793E-06	0.13799	1.26882E-05	0.00030
443548.45	3748339.84	119664.9572	0.00028	0.14651	2.09720E-06	0.15056	1.38440E-05	0.00030
443571.33	3748324	119197.4498	0.00028	0.13798	1.97510E-06	0.16529	1.51984E-05	0.00030
443590.69	3748310.8	117525.8448	0.00027	0.13064	1.87003E-06	0.18006	1.65565E-05	0.00029

443612.69	3748296.72	114473.0413	0.00027	0.12227	1.75022E-06	0.19979	1.83707E-05	0.00029
443636.45	3748282.64	114501.4989	0.00027	0.11520	1.64902E-06	0.22442	2.06354E-05	0.00029
443654.93	3748265.92	108413.3303	0.00025	0.10826	1.54968E-06	0.25278	2.32431E-05	0.00028
443672.53	3748246.56	100775.6636	0.00024	0.10162	1.45463E-06	0.28994	2.66599E-05	0.00026
443689.25	3748231.6	95613.01562	0.00022	0.09609	1.37547E-06	0.33041	3.03811E-05	0.00025
443706.85	3748215.75	91198.51138	0.00021	0.09111	1.30418E-06	0.38476	3.53786E-05	0.00025
443691.02	3748297.6	180994.3228	0.00042	0.11046	1.58117E-06	0.25717	2.36467E-05	0.00045
443707.74	3748282.64	162954.5199	0.00038	0.10320	1.47725E-06	0.29131	2.67859E-05	0.00041
443725.34	3748266.8	146672.4254	0.00034	0.09571	1.37003E-06	0.33591	3.08869E-05	0.00037
443741.18	3748257.12	143450.6011	0.00033	0.09082	1.30003E-06	0.37639	3.46090E-05	0.00037
443759.66	3748243.03	143769.7542	0.00034	0.08760	1.25394E-06	0.44484	4.09030E-05	0.00038
443773.74	3748221.03	124319.4596	0.00029	0.08257	1.18194E-06	0.54504	5.01163E-05	0.00034
443794.86	3748203.43	119731.5823	0.00028	0.07863	1.12554E-06	0.71810	6.60292E-05	0.00035
443813.34	3748185.83	114038.1324	0.00027	0.07565	1.08288E-06	1.00550	9.24555E-05	0.00036
443824.78	3748163.83	97942.50927	0.00023	0.07271	1.04080E-06	1.51251	1.39075E-04	0.00037
443842.38	3748150.63	93928.81141	0.00022	0.07049	1.00902E-06	2.68803	2.47164E-04	0.00047
443794.86	3748123.35	66863.12323	0.00016	0.07120	1.01918E-06	1.68129	1.54594E-04	0.00031
443808.06	3748106.63	63660.40179	0.00015	0.06927	9.91558E-07	3.08244	2.83430E-04	0.00043
443773.74	3748145.35	71632.66635	0.00017	0.07490	1.07215E-06	0.97415	8.95729E-05	0.00026
443762.3	3748169.11	80258.68697	0.00019	0.07859	1.12497E-06	0.71543	6.57836E-05	0.00025
443749.1	3748183.19	84442.02833	0.00020	0.08163	1.16848E-06	0.58754	5.40242E-05	0.00025
443724.46	3748197.27	85906.21693	0.00020	0.08641	1.23691E-06	0.46341	4.26105E-05	0.00024
443669.01	3748506.17	456278.4236	0.00106	0.16757	2.39866E-06	0.14126	1.29888E-05	0.00108
443691.02	3748531.69	421421.424	0.00098	0.16827	2.40868E-06	0.14170	1.30293E-05	0.00100
443709.5	3748544.89	408531.8123	0.00095	0.16773	2.40095E-06	0.14405	1.32454E-05	0.00097
443731.5	3748574.81	488479.0595	0.00114	0.17863	2.55698E-06	0.14217	1.30725E-05	0.00116
443760.54	3748588.01	492227.4151	0.00115	0.17756	2.54166E-06	0.14773	1.35837E-05	0.00116
443782.54	3748564.25	368499.4921	0.00086	0.15708	2.24850E-06	0.16425	1.51028E-05	0.00088
443807.18	3748539.61	319286.6409	0.00074	0.14048	2.01089E-06	0.18532	1.70401E-05	0.00076
443826.54	3748515.85	295794.0235	0.00069	0.12810	1.83367E-06	0.20785	1.91118E-05	0.00071
443852.94	3748491.21	291598.55	0.00068	0.11605	1.66119E-06	0.24221	2.22712E-05	0.00070
443863.5	3748470.09	277268.5411	0.00065	0.10896	1.55970E-06	0.26879	2.47152E-05	0.00067
443881.98	3748439.28	262953.8267	0.00061	0.09933	1.42185E-06	0.32376	2.97697E-05	0.00064
443881.1	3748410.24	241788.1868	0.00056	0.09414	1.34756E-06	0.36454	3.35194E-05	0.00060
443899.59	3748423.44	266522.7554	0.00062	0.09391	1.34426E-06	0.37503	3.44839E-05	0.00066
443891.66	3748384.72	235403.7434	0.00055	0.08859	1.26811E-06	0.43548	4.00423E-05	0.00059
443911.07	3748370.97	234941.6867	0.00055	0.08415	1.20456E-06	0.52822	4.85697E-05	0.00060
443929.51	3748345.54	235422.6524	0.00055	0.07917	1.13327E-06	0.71749	6.59731E-05	0.00062
443939.05	3748329.01	231931.1024	0.00054	0.07629	1.09205E-06	0.90372	8.30969E-05	0.00063
443954.95	3748309.93	224662.7903	0.00052	0.07269	1.04051E-06	1.34686	1.23844E-04	0.00065
443975.29	3748291.49	204705.4954	0.00048	0.06867	9.82969E-07	2.68357	2.46754E-04	0.00073
443932.69	3748260.34	287598.7256	0.00067	0.07062	1.01088E-06	2.00544	1.84400E-04	0.00086
443907.9	3748288.95	305443.0448	0.00071	0.07634	1.09276E-06	0.96108	8.83711E-05	0.00080
443892	3748306.75	297497.9152	0.00069	0.07984	1.14286E-06	0.71213	6.54802E-05	0.00076
443878.65	3748325.19	283314.3591	0.00066	0.08332	1.19268E-06	0.56682	5.21190E-05	0.00071
443864.66	3748341.09	277314.9959	0.00065	0.08690	1.24392E-06	0.47230	4.34279E-05	0.00069
443848.13	3748357.62	283187.1332	0.00066	0.09170	1.31263E-06	0.39491	3.63119E-05	0.00070
443829.69	3748376.69	283464.7409	0.00066	0.09708	1.38964E-06	0.33284	3.06046E-05	0.00069
443795.99	3748384.96	330485.0607	0.00077	0.10430	1.49299E-06	0.28063	2.58039E-05	0.00080
443774.37	3748402.76	337392.4264	0.00079	0.11110	1.59033E-06	0.24472	2.25020E-05	0.00081
443747.03	3748423.75	362819.9905	0.00085	0.12136	1.73719E-06	0.21012	1.93205E-05	0.00087
443723.5	3748442.19	373955.1071	0.00087	0.13046	1.86746E-06	0.18720	1.72130E-05	0.00089
443705.7	3748458.72	369782.5154	0.00086	0.13769	1.97095E-06	0.17199	1.58144E-05	0.00088
443678.36	3748482.88	427820.1458	0.00100	0.15520	2.22159E-06	0.15160	1.39396E-05	0.00101
443730.5	3748499.41	305459.9715	0.00071	0.14289	2.04538E-06	0.16694	1.53501E-05	0.00073
443747.03	3748481.61	284789.4186	0.00066	0.13315	1.90596E-06	0.18177	1.67137E-05	0.00068
443773.1	3748465.71	271642.7095	0.00063	0.12426	1.77871E-06	0.20301	1.86667E-05	0.00065
443753.39	3748477.79	281119.2025	0.00066	0.13094	1.87433E-06	0.18654	1.71523E-05	0.00067
443778.19	3748500.05	270269.4517	0.00063	0.13241	1.89537E-06	0.18874	1.73546E-05	0.00065

443792.17	3748480.97	261838.4611	0.00061	0.12460	1.78357E-06	0.20589	1.89315E-05	0.00063
443816.97	3748455.54	251020.7707	0.00059	0.11355	1.62540E-06	0.23930	2.20036E-05	0.00061
443801.08	3748442.82	261440.0038	0.00061	0.11384	1.62955E-06	0.23592	2.16928E-05	0.00063
443815.7	3748424.38	259012.8826	0.00060	0.10744	1.53794E-06	0.26322	2.42030E-05	0.00063
443834.14	3748437.73	246496.7145	0.00058	0.10672	1.52763E-06	0.26917	2.47501E-05	0.00060
443855.06	3748084.13	61799.66135	0.00014	0.06504	9.31008E-07	6.01320	5.52913E-04	0.00070
443836.57	3748062.13	56032.7779	0.00013	0.06437	9.21417E-07	5.79532	5.32879E-04	0.00066
443812.81	3748041	51684.6916	0.00012	0.06350	9.08964E-07	6.67524	6.13787E-04	0.00074
443769.68	3747996.11	45635.97821	0.00011	0.06030	8.63158E-07	6.98573	6.42337E-04	0.00075
443828.65	3748013.72	50659.10459	0.00012	0.06054	8.66593E-07	2.78547	2.56123E-04	0.00038
443816.33	3747989.95	48575.81104	0.00011	0.05803	8.30664E-07	2.39973	2.20655E-04	0.00033
443813.69	3747954.75	48915.81268	0.00011	0.05449	7.79991E-07	1.74138	1.60120E-04	0.00028
443764.4	3747961.79	44535.53706	0.00010	0.05701	8.16064E-07	3.65084	3.35694E-04	0.00044
443730.07	3747945.06	41823.34905	0.00010	0.05700	8.15920E-07	5.74477	5.28230E-04	0.00063
443706.31	3747923.06	40452.93799	0.00009	0.05690	8.14489E-07	6.68435	6.14625E-04	0.00071
443688.7	3747902.81	39174.00753	0.00009	0.05633	8.06330E-07	6.47949	5.95788E-04	0.00069
443664.94	3747880.81	36872.73387	0.00009	0.05537	7.92588E-07	7.20237	6.62257E-04	0.00075
443646.45	3747852.64	35241.6559	0.00008	0.05394	7.72118E-07	6.00744	5.52383E-04	0.00064
443619.17	3747824.48	33242.45766	0.00008	0.05294	7.57804E-07	6.20254	5.70322E-04	0.00065
443604.2	3747805.99	32506.68567	0.00008	0.05241	7.50217E-07	6.17267	5.67576E-04	0.00064
443618.29	3747776.95	33236.16689	0.00008	0.05016	7.18010E-07	3.76424	3.46121E-04	0.00042
443639.41	3747752.3	34331.70064	0.00008	0.04796	6.86518E-07	3.36329	3.09254E-04	0.00039
443670.22	3747725.02	36521.08788	0.00009	0.04555	6.52021E-07	2.98399	2.74377E-04	0.00036
443702.78	3747688.05	39812.2897	0.00009	0.04294	6.14660E-07	4.06299	3.73591E-04	0.00047
443684.3	3747671.33	37167.7708	0.00009	0.04259	6.09650E-07	5.08300	4.67381E-04	0.00055
443719.51	3747704.77	42664.42001	0.00010	0.04327	6.19384E-07	3.72080	3.42127E-04	0.00044
443730.07	3747724.14	45137.71607	0.00011	0.04398	6.29547E-07	3.08482	2.83649E-04	0.00039
443752.96	3747739.98	50657.38891	0.00012	0.04419	6.32553E-07	3.37538	3.10366E-04	0.00043
443766.16	3747760.22	55392.65205	0.00013	0.04511	6.45722E-07	3.03239	2.78828E-04	0.00041
443789.04	3747782.23	63467.92964	0.00015	0.04558	6.52450E-07	3.15003	2.89645E-04	0.00044
443802.25	3747798.07	69610.52997	0.00016	0.04615	6.60609E-07	3.07128	2.82404E-04	0.00045
443819.85	3747817.44	80861.22878	0.00019	0.04714	6.74780E-07	3.19504	2.93783E-04	0.00048
443838.33	3747832.4	95417.30965	0.00022	0.04773	6.83226E-07	3.61888	3.32755E-04	0.00056
443855.06	3747848.24	108077.3321	0.00025	0.04829	6.91242E-07	3.77117	3.46758E-04	0.00060
443868.26	3747867.61	107478.3622	0.00025	0.04896	7.00833E-07	3.23179	2.97162E-04	0.00055
443885.86	3747890.49	100963.6386	0.00024	0.04954	7.09135E-07	2.53092	2.32718E-04	0.00047
443905.23	3747909.86	96406.84229	0.00022	0.05010	7.17151E-07	1.75664	1.61523E-04	0.00039
443919.31	3747930.1	87632.65741	0.00020	0.05155	7.37907E-07	1.20510	1.10809E-04	0.00032
443942.2	3747945.94	93483.86671	0.00022	0.05380	7.70114E-07	0.95157	8.74967E-05	0.00031
443955.4	3747961.79	78874.55307	0.00018	0.05356	7.66679E-07	0.87148	8.01324E-05	0.00026
443984.44	3747930.1	131764.2959	0.00031	0.05010	7.17151E-07	0.90306	8.30362E-05	0.00039
443991.49	3747911.62	195341.5094	0.00046	0.04869	6.96968E-07	1.00199	9.21328E-05	0.00055
443994.13	3747889.61	301239.2755	0.00070	0.04774	6.83369E-07	1.12807	1.03726E-04	0.00081
444004.69	3747868.49	284421.8857	0.00066	0.04543	6.50303E-07	1.09530	1.00713E-04	0.00076
444006.45	3747849.12	309689.0566	0.00072	0.04448	6.36704E-07	1.05810	9.72921E-05	0.00082
444014.37	3747831.52	306032.0132	0.00071	0.04342	6.21531E-07	0.93711	8.61671E-05	0.00080
444017.01	3747807.75	333814.2396	0.00078	0.04266	6.10652E-07	0.84804	7.79771E-05	0.00086
444024.93	3747790.15	333127.0634	0.00078	0.04191	5.99916E-07	0.74949	6.89155E-05	0.00085
444036.38	3747768.15	325770.5392	0.00076	0.04092	5.85745E-07	0.63974	5.88240E-05	0.00082
444047.82	3747747.9	321250.3887	0.00075	0.03998	5.72289E-07	0.55370	5.09126E-05	0.00080
444058.38	3747728.54	318280.5976	0.00074	0.03899	5.58118E-07	0.48451	4.45506E-05	0.00079
444071.58	3747710.05	306678.1823	0.00072	0.03797	5.43518E-07	0.42185	3.87890E-05	0.00075
444086.55	3747695.97	282912.5283	0.00066	0.03707	5.30635E-07	0.37297	3.42945E-05	0.00069
444102.39	3747681.89	259155.2597	0.00060	0.03619	5.18038E-07	0.33058	3.03968E-05	0.00064
444114.71	3747666.93	248627.9297	0.00058	0.03551	5.08304E-07	0.29847	2.74443E-05	0.00061
444132.32	3747655.48	223984.1903	0.00052	0.03480	4.98141E-07	0.26901	2.47354E-05	0.00055
444112.95	3747621.16	296579.2566	0.00069	0.03418	4.89266E-07	0.25090	2.30702E-05	0.00072
443727.52	3747635.24	43376.31039	0.00010	0.04043	5.78731E-07	6.31366	5.80540E-04	0.00068
443741.61	3747647.56	46439.53042	0.00011	0.04062	5.81451E-07	5.92585	5.44881E-04	0.00065

443754.81	3747668.68	49387.0663	0.00012	0.04097	5.86461E-07	7.04947	6.48197E-04	0.00076
443769.77	3747684.53	53007.59256	0.00012	0.04104	5.87463E-07	6.76168	6.21735E-04	0.00075
443780.34	3747695.09	58000.46143	0.00014	0.04163	5.95908E-07	5.95544	5.47602E-04	0.00068
443797.06	3747714.46	66412.93594	0.00015	0.04244	6.07503E-07	5.92756	5.45038E-04	0.00070
443809.38	3747727.66	74321.9241	0.00017	0.04307	6.16521E-07	5.76002	5.29633E-04	0.00070
443823.47	3747745.26	86468.07186	0.00020	0.04403	6.30263E-07	5.97293	5.49210E-04	0.00075
443846.35	3747775.19	110938.7016	0.00026	0.04498	6.43861E-07	7.26984	6.68460E-04	0.00093
443860.44	3747786.63	133146.7479	0.00031	0.04517	6.46581E-07	6.62934	6.09567E-04	0.00092
443868.36	3747769.91	143596.4352	0.00034	0.04426	6.33555E-07	3.78965	3.48458E-04	0.00068
443879.8	3747749.66	156618.4513	0.00037	0.04304	6.16091E-07	2.30912	2.12323E-04	0.00058
443887.72	3747723.26	157150.1708	0.00037	0.04147	5.93618E-07	1.58687	1.45912E-04	0.00051
443892.12	3747702.13	152859.4486	0.00036	0.04014	5.74580E-07	1.26552	1.16364E-04	0.00047
443895.64	3747682.77	145153.2997	0.00034	0.03867	5.53538E-07	1.03668	9.53225E-05	0.00043
443893	3747660.76	133927.3574	0.00031	0.03768	5.39366E-07	0.88406	8.12891E-05	0.00039
443893.88	3747640.52	132372.2907	0.00031	0.03695	5.28917E-07	0.74881	6.88529E-05	0.00038
443897.41	3747621.15	135615.1023	0.00032	0.03625	5.18897E-07	0.62783	5.77288E-05	0.00037
443900.05	3747604.43	137993.9268	0.00032	0.03567	5.10594E-07	0.54178	4.98166E-05	0.00037
443899.17	3747585.94	134182.7558	0.00031	0.03510	5.02435E-07	0.47008	4.32238E-05	0.00036
443901.81	3747563.94	136289.9025	0.00032	0.03445	4.93131E-07	0.39441	3.62659E-05	0.00035
443901.81	3747546.33	134571.5707	0.00031	0.03400	4.86689E-07	0.34870	3.20629E-05	0.00035
443904.45	3747526.97	137485.8622	0.00032	0.03353	4.79962E-07	0.30577	2.81155E-05	0.00035
443903.57	3747507.6	133394.9761	0.00031	0.03307	4.73377E-07	0.27209	2.50186E-05	0.00034
443901.81	3747487.36	127174.1352	0.00030	0.03258	4.66363E-07	0.24264	2.23107E-05	0.00032
443905.33	3747466.23	129276.3411	0.00030	0.03202	4.58347E-07	0.21521	1.97885E-05	0.00032
443904.45	3747445.99	120244.3566	0.00028	0.03124	4.47182E-07	0.18890	1.73693E-05	0.00030
443903.57	3747429.26	114924.3563	0.00027	0.03078	4.40597E-07	0.17221	1.58347E-05	0.00028
443904.45	3747407.26	113101.66	0.00026	0.03028	4.33440E-07	0.15612	1.43552E-05	0.00028
443903.57	3747388.77	109692.9648	0.00026	0.02991	4.28144E-07	0.14457	1.32932E-05	0.00027
443900.93	3747365.01	104609.1226	0.00024	0.02949	4.22131E-07	0.13203	1.21401E-05	0.00026
443894.76	3747341.24	96282.87578	0.00022	0.02916	4.17408E-07	0.12141	1.11636E-05	0.00024
443891.24	3747320.99	91690.81929	0.00021	0.02885	4.12970E-07	0.11276	1.03683E-05	0.00022
443886.84	3747302.51	86317.79193	0.00020	0.02860	4.09392E-07	0.10563	9.71266E-06	0.00021
443883.32	3747278.74	81701.79594	0.00019	0.02824	4.04238E-07	0.09732	8.94856E-06	0.00020
443882.44	3747257.62	79547.63147	0.00019	0.02790	3.99372E-07	0.09077	8.34628E-06	0.00019
443875.4	3747240.89	70741.01891	0.00017	0.02774	3.97081E-07	0.08688	7.98860E-06	0.00017
443862.2	3747223.29	57423.34717	0.00013	0.02761	3.95220E-07	0.08306	7.63735E-06	0.00014
443848.99	3747203.92	46695.88903	0.00011	0.02740	3.92214E-07	0.07875	7.24105E-06	0.00012
443875.4	3747192.48	56044.32292	0.00013	0.02697	3.86059E-07	0.07639	7.02405E-06	0.00014
443893.88	3747174	57616.63347	0.00013	0.02648	3.79045E-07	0.07313	6.72429E-06	0.00014
443900.93	3747150.23	48007.28715	0.00011	0.02608	3.73319E-07	0.06973	6.41166E-06	0.00012
443879.8	3747124.7	35654.70025	0.00008	0.02587	3.70313E-07	0.06557	6.02915E-06	0.00009
443859.56	3747118.54	31640.12558	0.00007	0.02586	3.70170E-07	0.06390	5.87559E-06	0.00008
443821.71	3747120.3	27800.35351	0.00006	0.02597	3.71745E-07	0.06400	5.88479E-06	0.00007
444137.71	3747581.54	244110.9557	0.00057	0.03278	4.69226E-07	0.20115	1.84957E-05	0.00059
444132.43	3747563.06	250396.4687	0.00058	0.03232	4.62641E-07	0.18970	1.74429E-05	0.00060
444122.74	3747541.93	265502.0146	0.00062	0.03195	4.57345E-07	0.18025	1.65740E-05	0.00064
444115.7	3747514.64	263377.4277	0.00061	0.03142	4.49758E-07	0.16693	1.53492E-05	0.00063
444104.26	3747490.88	277250.439	0.00065	0.03101	4.43889E-07	0.15835	1.45603E-05	0.00066
444093.7	3747447.75	271007.6622	0.00063	0.02993	4.28430E-07	0.13946	1.28233E-05	0.00065
444089.29	3747432.78	268737.1995	0.00063	0.02954	4.22847E-07	0.13363	1.22873E-05	0.00064
444084.01	3747410.78	256690.5489	0.00060	0.02889	4.13543E-07	0.12467	1.14634E-05	0.00061
444079.61	3747394.05	245418.7771	0.00057	0.02836	4.05956E-07	0.11775	1.08271E-05	0.00058
444066.41	3747371.17	247680.8844	0.00058	0.02768	3.96222E-07	0.10957	1.00749E-05	0.00059
444065.53	3747356.2	227966.9386	0.00053	0.02731	3.90926E-07	0.10444	9.60324E-06	0.00054
444057.61	3747328.92	208321.7018	0.00049	0.02679	3.83483E-07	0.09841	9.04878E-06	0.00050
444048.8	3747309.55	201861.0104	0.00047	0.02651	3.79475E-07	0.09563	8.79316E-06	0.00048
444041.76	3747289.31	189436.4589	0.00044	0.02623	3.75467E-07	0.09252	8.50720E-06	0.00045
444039.12	3747269.94	170009.6337	0.00040	0.02593	3.71172E-07	0.08903	8.18629E-06	0.00041
444032.08	3747252.34	162563.1689	0.00038	0.02572	3.68166E-07	0.08653	7.95642E-06	0.00039

444026.8	3747232.09	147754.1245	0.00034	0.02544	3.64158E-07	0.08288	7.62080E-06	0.00035
444024.16	3747211.85	126189.0963	0.00029	0.02512	3.59578E-07	0.07863	7.23001E-06	0.00030
444012.71	3747194.24	117450.1872	0.00027	0.02500	3.57860E-07	0.07559	6.95049E-06	0.00028
444009.19	3747178.4	96205.65456	0.00022	0.02482	3.55283E-07	0.07254	6.67004E-06	0.00023
444000.39	3747159.03	73773.40468	0.00017	0.02470	3.53566E-07	0.06955	6.39511E-06	0.00018
443990.71	3747139.67	57233.45518	0.00013	0.02465	3.52850E-07	0.06745	6.20201E-06	0.00014
443987.19	3747122.06	47236.41057	0.00011	0.02451	3.50846E-07	0.06517	5.99237E-06	0.00012
443544.98	3747753.94	28123.99832	0.00007	0.04822	6.90240E-07	3.07110	2.82387E-04	0.00035
443566.91	3747739.32	29073.87144	0.00007	0.04744	6.79075E-07	4.33457	3.98563E-04	0.00047
443582.75	3747705.21	29562.31193	0.00007	0.04544	6.50446E-07	3.08003	2.83208E-04	0.00035
443608.33	3747662.57	30254.62819	0.00007	0.04288	6.13801E-07	2.85244	2.62281E-04	0.00033
443585.18	3747683.28	29279.74671	0.00007	0.04408	6.30978E-07	2.24464	2.06394E-04	0.00028
443664.38	3747610.18	34224.90341	0.00008	0.04028	5.76584E-07	3.23324	2.97296E-04	0.00038
444061.69	3748396.73	199317.0483	0.00047	0.07097	1.01589E-06	2.05389	1.88855E-04	0.00065
443702.16	3748778.14	278696.1536	0.00065	0.40239	5.75997E-06	0.09712	8.93017E-06	0.00066
443720.87	3748761.68	335421.8942	0.00078	0.35706	5.11110E-06	0.10280	9.45244E-06	0.00080
443735.08	3748748.96	382662.4653	0.00089	0.32612	4.66821E-06	0.10761	9.89472E-06	0.00091
443761.27	3748751.2	310706.2388	0.00072	0.30130	4.31293E-06	0.11354	1.04400E-05	0.00074
443781.48	3748750.46	283067.266	0.00066	0.28286	4.04897E-06	0.11880	1.09236E-05	0.00068
443799.43	3748733.25	335303.0038	0.00078	0.25494	3.64931E-06	0.12675	1.16546E-05	0.00080
443816.64	3748742.22	266084.5773	0.00062	0.25031	3.58304E-06	0.13020	1.19719E-05	0.00064
443859.29	3748707.06	276785.7892	0.00065	0.20408	2.92128E-06	0.15249	1.40214E-05	0.00066
443854.8	3748660.67	400713.596	0.00093	0.18220	2.60808E-06	0.16298	1.49860E-05	0.00095
443872.01	3748652.43	351991.8549	0.00082	0.17183	2.45964E-06	0.17346	1.59496E-05	0.00084
443881.74	3748635.22	348334.2154	0.00081	0.16080	2.30175E-06	0.18455	1.69693E-05	0.00083
443889.22	3748615.02	357286.098	0.00083	0.15017	2.14959E-06	0.19704	1.81178E-05	0.00085
443912.42	3748586.59	328072.994	0.00077	0.13340	1.90954E-06	0.22717	2.08882E-05	0.00079
443949.73	3748543.05	291186.9604	0.00068	0.11218	1.60579E-06	0.29644	2.72576E-05	0.00071
443955.98	3748523.52	311311.2221	0.00073	0.10667	1.52692E-06	0.32541	2.99214E-05	0.00076
443964.58	3748509.45	313352.2435	0.00073	0.10218	1.46264E-06	0.35688	3.28150E-05	0.00077
443975.51	3748496.56	306436.466	0.00071	0.09781	1.40009E-06	0.39755	3.65546E-05	0.00075
444002.47	3748489.92	249398.0228	0.00058	0.09292	1.33009E-06	0.47700	4.38601E-05	0.00063
443993.02	3748508.17	244251.7806	0.00057	0.09776	1.39938E-06	0.41448	3.81114E-05	0.00061
443984.29	3748521.95	242149.2914	0.00056	0.10171	1.45592E-06	0.37406	3.43947E-05	0.00060
443976.48	3748538.5	237609.0642	0.00055	0.10677	1.52835E-06	0.33789	3.10689E-05	0.00059
443964.53	3748550.91	246070.619	0.00057	0.11179	1.60021E-06	0.30681	2.82111E-05	0.00060
443950.29	3748565.15	257524.7517	0.00060	0.11814	1.69110E-06	0.27664	2.54370E-05	0.00063
443942.47	3748583.07	252904.3692	0.00059	0.12511	1.79087E-06	0.25473	2.34224E-05	0.00062
444015.08	3748474.62	239056.5031	0.00056	0.08830	1.26396E-06	0.56375	5.18367E-05	0.00061
444023.81	3748461.29	233436.7446	0.00054	0.08480	1.21386E-06	0.65466	6.01959E-05	0.00061
444033	3748446.13	226451.4098	0.00053	0.08113	1.16133E-06	0.79206	7.28298E-05	0.00060
444049.55	3748429.58	206054.7937	0.00048	0.07698	1.10192E-06	1.09336	1.00534E-04	0.00058
444052.31	3748411.2	214583.8115	0.00050	0.07421	1.06227E-06	1.39496	1.28266E-04	0.00063
443186.88	3748634.7	66382.58595	0.00015	0.77011	1.10237E-05	0.05427	4.99012E-06	0.00017
443201.94	3748608.36	66588.25628	0.00016	0.62454	8.93991E-06	0.05665	5.20896E-06	0.00017
443224.52	3748583.89	67741.50681	0.00016	0.51889	7.42760E-06	0.05999	5.51607E-06	0.00017
443237.69	3748551.9	69218.38986	0.00016	0.43187	6.18196E-06	0.06275	5.76985E-06	0.00017
443250.87	3748525.56	70597.91501	0.00016	0.37405	5.35430E-06	0.06554	6.02639E-06	0.00018
443267.8	3748491.68	68101.5407	0.00016	0.30576	4.37677E-06	0.07021	6.45580E-06	0.00017
443290.38	3748454.05	68498.12162	0.00016	0.25741	3.68467E-06	0.07590	6.97899E-06	0.00017
443299.79	3748416.41	62456.75649	0.00015	0.21718	3.10880E-06	0.08097	7.44518E-06	0.00016
443299.79	3748384.42	56586.19308	0.00013	0.19222	2.75151E-06	0.08443	7.76332E-06	0.00014
443301.68	3748352.43	52614.71737	0.00012	0.17355	2.48426E-06	0.08826	8.11549E-06	0.00013
443305.44	3748320.44	49061.39155	0.00011	0.15716	2.24965E-06	0.09279	8.53202E-06	0.00013
443117.28	3748611.37	52623.60503	0.00012	0.56272	8.05500E-06	0.05086	4.67657E-06	0.00014
443090.7	3748626.39	50914.97499	0.00012	0.57125	8.17710E-06	0.04878	4.48531E-06	0.00013
443162.35	3748585.94	56513.40429	0.00013	0.51343	7.34944E-06	0.05503	5.06000E-06	0.00014
443179.69	3748558.2	56276.44792	0.00013	0.43054	6.16292E-06	0.05796	5.32941E-06	0.00014
443190.09	3748530.47	54405.6189	0.00013	0.36357	5.20428E-06	0.06066	5.57768E-06	0.00014

443205.11	3748494.64	53163.95005	0.00012	0.30091	4.30734E-06	0.06427	5.90961E-06	0.00013
443229.38	3748456.5	51633.2419	0.00012	0.24483	3.50459E-06	0.06973	6.41166E-06	0.00013
443231.69	3748413.74	47323.00101	0.00011	0.20609	2.95005E-06	0.07342	6.75095E-06	0.00012
443252.5	3748389.47	48062.54223	0.00011	0.19125	2.73763E-06	0.07791	7.16381E-06	0.00012
443186.62	3748471.53	48068.54905	0.00011	0.26804	3.83683E-06	0.06419	5.90226E-06	0.00012
443141.55	3748525.84	46768.94904	0.00011	0.34821	4.98441E-06	0.05723	5.26229E-06	0.00012
443138.08	3748498.11	43568.90572	0.00010	0.29875	4.27642E-06	0.05868	5.39561E-06	0.00011
443150.79	3748472.68	43100.70781	0.00010	0.26521	3.79632E-06	0.06119	5.62641E-06	0.00011
443169.29	3748447.26	42891.15103	0.00010	0.23489	3.36231E-06	0.06452	5.93260E-06	0.00011
443183.15	3748419.52	41999.4969	0.00010	0.20874	2.98799E-06	0.06781	6.23512E-06	0.00011
443202.8	3748396.41	42319.55347	0.00010	0.19253	2.75595E-06	0.07156	6.57993E-06	0.00011
443224.76	3748373.29	42849.72745	0.00010	0.17909	2.56356E-06	0.07598	6.98635E-06	0.00011
443238.63	3748345.56	42001.04052	0.00010	0.16427	2.35143E-06	0.08029	7.38265E-06	0.00011
443112.66	3748590.56	49586.32101	0.00012	0.48136	6.89038E-06	0.05167	4.75105E-06	0.00013
443080.3	3748597.5	46110.24603	0.00011	0.45841	6.56186E-06	0.04963	4.56347E-06	0.00012
443072.21	3748572.07	42740.90517	0.00010	0.39003	5.58304E-06	0.05043	4.63703E-06	0.00011
443103.41	3748554.74	45234.41385	0.00011	0.38558	5.51934E-06	0.05286	4.86047E-06	0.00012
443093.01	3748532.78	42307.59932	0.00010	0.33683	4.82152E-06	0.05336	4.90644E-06	0.00011
444066.11	3748315.51	141671.7078	0.00033	0.06180	8.84629E-07	6.42829	5.91080E-04	0.00092
444098.47	3748350.18	129674.9061	0.00030	0.06223	8.90785E-07	6.66903	6.13216E-04	0.00092
444078.82	3748294.7	114877.1948	0.00027	0.05912	8.46267E-07	3.07471	2.82719E-04	0.00055
444089.22	3748273.9	98819.6883	0.00023	0.05692	8.14775E-07	1.99058	1.83033E-04	0.00041
444096.16	3748253.1	88103.55166	0.00021	0.05520	7.90155E-07	1.50103	1.38019E-04	0.00034
444111.18	3748321.29	104581.6625	0.00024	0.05873	8.40684E-07	2.70594	2.48811E-04	0.00049
444131.98	3748302.79	86568.61942	0.00020	0.05603	8.02035E-07	1.64212	1.50993E-04	0.00035
444135.45	3748284.3	79464.53005	0.00019	0.05437	7.78274E-07	1.33474	1.22729E-04	0.00031
443313.52	3748260.81	42892.26822	0.00010	0.13179	1.88649E-06	0.10277	9.44968E-06	0.00011
443230.72	3748275.87	35678.96497	0.00008	0.13198	1.88921E-06	0.08633	7.93803E-06	0.00009
443260.83	3748238.23	35484.93281	0.00008	0.12101	1.73218E-06	0.09587	8.81523E-06	0.00009
443274	3748215.65	34889.2443	0.00008	0.11482	1.64358E-06	0.10152	9.33474E-06	0.00009
443304.11	3748178.01	33784.91974	0.00008	0.10388	1.48698E-06	0.11495	1.05696E-05	0.00009
443198.73	3748330.44	36292.92035	0.00008	0.15130	2.16577E-06	0.07674	7.05623E-06	0.00009
443155.44	3748373.72	35620.20409	0.00008	0.17341	2.48226E-06	0.06843	6.29213E-06	0.00009
443119.69	3748411.36	34943.20367	0.00008	0.19855	2.84212E-06	0.06265	5.76066E-06	0.00009
443100.87	3748441.47	35705.92164	0.00008	0.22643	3.24121E-06	0.05916	5.43975E-06	0.00009
443093.34	3748477.23	38226.78738	0.00009	0.26622	3.81078E-06	0.05632	5.17861E-06	0.00010
443080.17	3748501.69	38789.99454	0.00009	0.28567	4.08919E-06	0.05410	4.97448E-06	0.00010
443718.12	3747857.82	43762.22444	0.00010	0.05241	7.50217E-07	2.08775	1.91968E-04	0.00029
443737.76	3747882.38	45266.8054	0.00011	0.05295	7.57947E-07	2.09655	1.92777E-04	0.00030
443765.27	3747898.1	47688.57604	0.00011	0.05241	7.50217E-07	1.82801	1.68085E-04	0.00028
443754.46	3747918.73	44731.47255	0.00010	0.05400	7.72977E-07	2.36988	2.17910E-04	0.00032
443696.5	3747826.38	41737.76073	0.00010	0.05150	7.37191E-07	2.03608	1.87217E-04	0.00029
443672.93	3747804.77	38641.87521	0.00009	0.05074	7.26312E-07	2.18016	2.00465E-04	0.00029
443726.96	3747844.07	45737.38021	0.00011	0.05132	7.34615E-07	1.82355	1.67675E-04	0.00028
443710.26	3747771.37	43174.10526	0.00010	0.04735	6.77787E-07	1.87416	1.72329E-04	0.00027
443737.76	3747790.04	47945.65029	0.00011	0.04729	6.76928E-07	1.78340	1.63983E-04	0.00028
443746.61	3747808.7	50041.01052	0.00012	0.04820	6.89954E-07	1.70570	1.56839E-04	0.00027
443762.32	3747821.47	53650.93817	0.00013	0.04847	6.93819E-07	1.69713	1.56051E-04	0.00028
443787.87	3747845.05	59379.2031	0.00014	0.04894	7.00546E-07	1.67262	1.53797E-04	0.00029
443800.64	3747866.66	60667.70762	0.00014	0.04985	7.13573E-07	1.60164	1.47270E-04	0.00029
443806.53	3747929.53	50523.62906	0.00012	0.05291	7.57375E-07	1.59853	1.46985E-04	0.00027
443520.64	3747701.59	26480.38569	0.00006	0.04466	6.39281E-07	0.97919	9.00363E-05	0.00015
443551.64	3747661.73	27301.77912	0.00006	0.04268	6.10938E-07	1.02389	9.41465E-05	0.00016
443591.49	3747635.16	28656.89967	0.00007	0.04132	5.91471E-07	1.34533	1.23703E-04	0.00019
443836.47	3747717.7	97504.15854	0.00023	0.04296	6.14946E-07	2.72086	2.50183E-04	0.00048
443840.73	3747688.6	97755.68933	0.00023	0.04154	5.94620E-07	1.81875	1.67234E-04	0.00040
443841.44	3747663.76	91748.78565	0.00021	0.03993	5.71574E-07	1.42835	1.31337E-04	0.00035
443804.53	3747670.15	74795.17124	0.00017	0.04188	5.99487E-07	2.23184	2.05217E-04	0.00038
443787.49	3747657.37	61577.92863	0.00014	0.04055	5.80449E-07	2.55890	2.35290E-04	0.00038

443777.55	3747633.95	55553.93408	0.00013	0.03942	5.64273E-07	2.13903	1.96683E-04	0.00033
443744.9	3747619.04	46707.29663	0.00011	0.03957	5.66421E-07	2.63475	2.42265E-04	0.00035
443761.94	3747606.26	50567.95974	0.00012	0.03884	5.55971E-07	1.55645	1.43115E-04	0.00026
443844.28	3747623.3	83615.9969	0.00020	0.03741	5.35501E-07	0.92080	8.46674E-05	0.00028
443847.12	3747599.87	83316.32513	0.00019	0.03651	5.22618E-07	0.70159	6.45111E-05	0.00026
443852.79	3747578.58	85379.35664	0.00020	0.03572	5.11310E-07	0.54752	5.03444E-05	0.00025
443849.96	3747558	81628.3172	0.00019	0.03513	5.02865E-07	0.45330	4.16808E-05	0.00023
443849.96	3747537.41	80595.3748	0.00019	0.03463	4.95707E-07	0.38138	3.50678E-05	0.00022
443854.92	3747518.25	82179.60293	0.00019	0.03402	4.86976E-07	0.32414	2.98046E-05	0.00022
443847.12	3747495.53	74939.80445	0.00017	0.03352	4.79818E-07	0.27898	2.56522E-05	0.00020
443853.5	3747478.5	77053.2371	0.00018	0.03297	4.71946E-07	0.24680	2.26932E-05	0.00020
443850.67	3747457.2	73418.1249	0.00017	0.03250	4.65218E-07	0.21879	2.01177E-05	0.00019
443854.21	3747438.75	73433.32019	0.00017	0.03197	4.57631E-07	0.19607	1.80286E-05	0.00019
443849.96	3747397.58	67474.54698	0.00016	0.03112	4.45464E-07	0.16071	1.47773E-05	0.00017
443854.21	3747418.16	71270.7885	0.00017	0.03148	4.50617E-07	0.17577	1.61620E-05	0.00018
443853.5	3747378.41	67908.07795	0.00016	0.03068	4.39166E-07	0.14766	1.35773E-05	0.00017
443843.57	3747336.54	60087.56336	0.00014	0.02998	4.29146E-07	0.12447	1.14450E-05	0.00015
443836.47	3747315.24	55548.91617	0.00013	0.02965	4.24422E-07	0.11462	1.05393E-05	0.00014
443829.37	3747296.08	51285.66127	0.00012	0.02934	4.19984E-07	0.10639	9.78254E-06	0.00013
443827.95	3747274.07	48816.61297	0.00011	0.02891	4.13829E-07	0.09824	9.03315E-06	0.00012
443816.59	3747254.2	43491.26549	0.00010	0.02860	4.09392E-07	0.09225	8.48237E-06	0.00011
443805.95	3747236.45	39103.05437	0.00009	0.02829	4.04954E-07	0.08733	8.02998E-06	0.00010
443803.11	3747219.42	36731.81948	0.00009	0.02794	3.99944E-07	0.08289	7.62172E-06	0.00009
443838.6	3747186.06	39846.47241	0.00009	0.02714	3.88493E-07	0.07512	6.90727E-06	0.00010
443838.6	3747171.15	37137.78827	0.00009	0.02687	3.84628E-07	0.07238	6.65533E-06	0.00009
443970.69	3747984.97	64128.54427	0.00015	0.05277	7.55371E-07	0.81900	7.53069E-05	0.00023
443980.63	3747995.62	60152.35612	0.00014	0.05218	7.46925E-07	0.79341	7.29539E-05	0.00021
443994.83	3748014.08	56082.0419	0.00013	0.05168	7.39768E-07	0.76799	7.06165E-05	0.00020
444006.19	3748026.85	53954.84027	0.00013	0.05114	7.32038E-07	0.74942	6.89090E-05	0.00020
444016.83	3748040.34	52645.93746	0.00012	0.05083	7.27601E-07	0.73978	6.80226E-05	0.00019
444040.26	3748051.7	51397.79299	0.00012	0.04980	7.12857E-07	0.69010	6.34546E-05	0.00018
444048.78	3748065.89	50784.53186	0.00012	0.04960	7.09994E-07	0.69236	6.36624E-05	0.00018
444060.13	3748085.77	51125.04	0.00012	0.04957	7.09564E-07	0.70401	6.47336E-05	0.00018
444079.3	3748100.68	51535.79714	0.00012	0.04913	7.03266E-07	0.68356	6.28532E-05	0.00018
444088.53	3748117	53248.1137	0.00012	0.04936	7.06558E-07	0.69918	6.42895E-05	0.00019
444101.3	3748132.62	54682.84152	0.00013	0.04938	7.06845E-07	0.70228	6.45745E-05	0.00019
444114.79	3748147.53	55493.49668	0.00013	0.04913	7.03266E-07	0.69891	6.42646E-05	0.00019
444129.7	3748161.72	55791.40165	0.00013	0.04886	6.99401E-07	0.68919	6.33709E-05	0.00019
444141.76	3748177.34	56143.06751	0.00013	0.04868	6.96825E-07	0.69140	6.35741E-05	0.00020
444158.09	3748180.89	53604.57044	0.00013	0.04781	6.84371E-07	0.64634	5.94308E-05	0.00019
444169.45	3748204.31	53955.3948	0.00013	0.04778	6.83942E-07	0.66279	6.09434E-05	0.00019
444190.03	3748217.09	51193.57599	0.00012	0.04693	6.71774E-07	0.62056	5.70604E-05	0.00018
444192.83	3748193.06	47932.94252	0.00011	0.04567	6.53738E-07	0.56103	5.15866E-05	0.00016
444195.33	3748122.7	43058.12322	0.00010	0.04337	6.20815E-07	0.45728	4.20468E-05	0.00014
444008.68	3747956.49	78592.84602	0.00018	0.04857	6.95250E-07	0.73655	6.77256E-05	0.00025
444019.33	3747969.98	68538.84135	0.00016	0.04825	6.90669E-07	0.68735	6.32017E-05	0.00022
444042.75	3747981.34	61689.34982	0.00014	0.04686	6.70772E-07	0.62239	5.72286E-05	0.00020
444051.27	3747995.53	57461.54894	0.00013	0.04703	6.73206E-07	0.60385	5.55239E-05	0.00019
444062.63	3748015.41	53553.33019	0.00012	0.04727	6.76641E-07	0.58942	5.41971E-05	0.00018
444081.79	3748030.32	51287.53793	0.00012	0.04684	6.70486E-07	0.56364	5.18266E-05	0.00017
444091.02	3748046.64	49913.43554	0.00012	0.04697	6.72347E-07	0.56260	5.17310E-05	0.00017
444103.8	3748062.26	49450.10141	0.00012	0.04704	6.73349E-07	0.55695	5.12114E-05	0.00017
444117.29	3748077.17	48751.92226	0.00011	0.04683	6.70343E-07	0.54949	5.05255E-05	0.00016
444132.19	3748091.36	48252.26339	0.00011	0.04649	6.65476E-07	0.53946	4.96032E-05	0.00016
444144.26	3748106.98	48058.04553	0.00011	0.04627	6.62327E-07	0.53738	4.94120E-05	0.00016
444160.59	3748110.53	46914.19664	0.00011	0.04551	6.51448E-07	0.51033	4.69247E-05	0.00016
444171.94	3748133.95	46733.64282	0.00011	0.04535	6.49158E-07	0.51908	4.77293E-05	0.00016
444192.53	3748146.73	44335.33455	0.00010	0.04414	6.31837E-07	0.48911	4.49736E-05	0.00015
444143.39	3748498.91	100439.4969	0.00023	0.07958	1.13914E-06	1.78604	1.64226E-04	0.00040

444154.04	3748512.39	94260.55054	0.00022	0.08069	1.15503E-06	1.77032	1.62781E-04	0.00038
444177.46	3748523.75	85128.12719	0.00020	0.08057	1.15331E-06	2.35043	2.16122E-04	0.00042
444185.98	3748537.95	81462.8925	0.00019	0.08212	1.17550E-06	2.19367	2.01708E-04	0.00039
444197.34	3748557.82	76442.30585	0.00018	0.08404	1.20298E-06	2.00311	1.84186E-04	0.00036
444216.5	3748572.73	70551.73313	0.00016	0.08440	1.20813E-06	2.34614	2.15727E-04	0.00038
444225.73	3748589.05	67402.52254	0.00016	0.08591	1.22975E-06	2.16016	1.98626E-04	0.00036
444238.51	3748604.67	63827.95814	0.00015	0.08684	1.24306E-06	2.18088	2.00531E-04	0.00035
444251.99	3748619.58	60450.23085	0.00014	0.08745	1.25179E-06	2.27065	2.08786E-04	0.00035
444266.9	3748633.77	57153.22271	0.00013	0.08767	1.25494E-06	2.49781	2.29673E-04	0.00036
444278.97	3748649.39	54413.11071	0.00013	0.08826	1.26339E-06	2.58347	2.37550E-04	0.00037
444295.29	3748652.94	52033.85733	0.00012	0.08682	1.24278E-06	3.88558	3.57278E-04	0.00048
444306.65	3748676.37	49266.33067	0.00011	0.08825	1.26325E-06	3.91234	3.59739E-04	0.00048
444237.65	3748593.44	64773.69547	0.00015	0.08536	1.22188E-06	2.62016	2.40923E-04	0.00039
444061.66	3748440.72	178053.1744	0.00042	0.07739	1.10779E-06	1.12922	1.03832E-04	0.00052
444085.08	3748452.08	145882.4123	0.00034	0.07700	1.10221E-06	1.35264	1.24375E-04	0.00047
444093.6	3748466.28	135859.9562	0.00032	0.07877	1.12754E-06	1.27491	1.17228E-04	0.00044
444104.96	3748486.15	123121.1694	0.00029	0.08098	1.15918E-06	1.17761	1.08281E-04	0.00040
444124.12	3748501.06	109913.2913	0.00026	0.08185	1.17163E-06	1.27848	1.17556E-04	0.00038
444133.35	3748517.39	103070.8433	0.00024	0.08374	1.19869E-06	1.20329	1.10642E-04	0.00035
444146.13	3748533	95111.41331	0.00022	0.08491	1.21544E-06	1.20446	1.10750E-04	0.00033
444159.61	3748547.91	88343.3147	0.00021	0.08601	1.23118E-06	1.22734	1.12854E-04	0.00032
444174.52	3748562.11	82243.38221	0.00019	0.08692	1.24421E-06	1.28830	1.18459E-04	0.00031
444186.59	3748577.72	77158.81066	0.00018	0.08808	1.26081E-06	1.28302	1.17973E-04	0.00030
444202.91	3748581.27	72935.35227	0.00017	0.08702	1.24564E-06	1.57796	1.45093E-04	0.00032
444214.27	3748604.7	68555.21195	0.00016	0.08947	1.28071E-06	1.41027	1.29674E-04	0.00029
444234.86	3748617.47	63546.25673	0.00015	0.08904	1.27455E-06	1.67838	1.54327E-04	0.00030
443957.64	3748095.6	61819.56698	0.00014	0.05735	8.20930E-07	1.42181	1.30735E-04	0.00028
CONCUNIT ug	/m^3	0	0.00000	0.00000	0.00000E+00	0.00000	0.00000E+00	0.00000
DEPUNIT g/m	^2	0	0.00000	0.00000	0.00000E+00	0.00000	0.00000E+00	0.00000
0	0	0	0.00000	0.00000	0.00000E+00	0.00000	0.00000E+00	0.00000

Trails of Corona

2022 tier IV at Sensitive Receptors

Construction Annual DPM Emissions (as PM10 Exhaust)

X (m)	Y (m)	Onsite Annual DPM Exhaust w/Unit Emissions (ug/m3)	Onsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Unit Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Unit Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Total DPM (ug/m3)
443543.62	3748016.2	35156.94454	0.00008	0.07477	9.66494E-07	0.41552	3.45018E-05	0.00012
443581.38	3748016.2	36622.07968	0.00009	0.07287	9.41935E-07	0.52827	4.38638E-05	0.00013
443619.14	3748016.2	38578.71528	0.00009	0.07096	9.17246E-07	0.69873	5.80175E-05	0.00015
443656.9	3748016.2	40918.00742	0.00010	0.06920	8.94495E-07	0.98771	8.20124E-05	0.00018
443694.66	3748016.2	43836.17418	0.00010	0.06805	8.79630E-07	1.56020	1.29548E-04	0.00023
443732.42	3748016.2	45683.33344	0.00011	0.06551	8.46798E-07	3.41537	2.83588E-04	0.00039
443543.62	3748046.66	36897.38741	0.00009	0.07866	1.01678E-06	0.36211	3.00670E-05	0.00012
443581.38	3748046.66	38550.11084	0.00009	0.07661	9.90279E-07	0.44715	3.71281E-05	0.00013
443619.14	3748046.66	40642.28578	0.00009	0.07449	9.62875E-07	0.56902	4.72473E-05	0.00014
443656.9	3748046.66	43341.14312	0.00010	0.07289	9.42193E-07	0.75771	6.29148E-05	0.00016
443694.66	3748046.66	46809.0846	0.00011	0.07199	9.30560E-07	1.07871	8.95683E-05	0.00020
443732.42	3748046.66	48755.43749	0.00011	0.06933	8.96176E-07	1.85184	1.53764E-04	0.00027
443543.62	3748077.12	39404.88209	0.00009	0.08341	1.07818E-06	0.31914	2.64991E-05	0.00012
443581.38	3748077.12	41316.11417	0.00010	0.08112	1.04858E-06	0.38525	3.19884E-05	0.00013
443619.14	3748077.12	43760.54368	0.00010	0.07893	1.02027E-06	0.47585	3.95112E-05	0.00014
443656.9	3748077.12	46150.17698	0.00011	0.07628	9.86013E-07	0.61043	5.06857E-05	0.00016
443694.66	3748077.12	49883.26321	0.00012	0.07513	9.71148E-07	0.82192	6.82463E-05	0.00019
443732.42	3748077.12	52236.79016	0.00012	0.07229	9.34437E-07	1.24369	1.03267E-04	0.00023
443543.62	3748107.58	42664.91899	0.00010	0.08886	1.14863E-06	0.28422	2.35996E-05	0.00012
443581.38	3748107.58	44769.17854	0.00010	0.08600	1.11166E-06	0.33721	2.79995E-05	0.00013
443619.14	3748107.58	46761.89683	0.00011	0.08232	1.06409E-06	0.40813	3.38882E-05	0.00014
443656.9	3748107.58	49529.12199	0.00012	0.07943	1.02673E-06	0.50715	4.21101E-05	0.00016
443694.66	3748107.58	54047.9059	0.00013	0.07834	1.01264E-06	0.65526	5.44081E-05	0.00018
443732.42	3748107.58	57212.48007	0.00013	0.07534	9.73862E-07	0.91330	7.58339E-05	0.00021
443543.62	3748138.04	46381.87285	0.00011	0.09424	1.21817E-06	0.25588	2.12464E-05	0.00013
443581.38	3748138.04	48334.7879	0.00011	0.09014	1.16517E-06	0.29950	2.48683E-05	0.00014
443619.14	3748138.04	50689.1187	0.00012	0.08599	1.11153E-06	0.35541	2.95107E-05	0.00015
443656.9	3748138.04	54323.18345	0.00013	0.08313	1.07456E-06	0.43068	3.57606E-05	0.00016
443694.66	3748138.04	59870.18055	0.00014	0.08181	1.05750E-06	0.53911	4.47638E-05	0.00018
443732.42	3748138.04	64471.89771	0.00015	0.07872	1.01755E-06	0.71038	5.89849E-05	0.00021
443543.62	3748168.5	50491.68567	0.00012	0.09937	1.28448E-06	0.23252	1.93068E-05	0.00014
443581.38	3748168.5	53041.01358	0.00012	0.09492	1.22696E-06	0.26851	2.22951E-05	0.00015
443619.14	3748168.5	56037.73207	0.00013	0.09031	1.16737E-06	0.31357	2.60366E-05	0.00016
443656.9	3748168.5	61039.14776	0.00014	0.08751	1.13117E-06	0.37265	3.09422E-05	0.00017
443694.66	3748168.5	68167.33276	0.00016	0.08580	1.10907E-06	0.45466	3.77517E-05	0.00020
443732.42	3748168.5	74705.07557	0.00017	0.08219	1.06241E-06	0.57593	4.78211E-05	0.00022
444172.99	3747085.77	29448.16587	0.00007	0.02206	2.85153E-07	0.05535	4.59587E-06	0.00007
444272.99	3747085.77	25352.98114	0.00006	0.02204	2.84894E-07	0.05310	4.40904E-06	0.00006
444372.99	3747085.77	21798.2038	0.00005	0.02195	2.83731E-07	0.05019	4.16742E-06	0.00006
444472.99	3747085.77	18895.27197	0.00004	0.02149	2.77785E-07	0.04684	3.88926E-06	0.00005
444572.99	3747085.77	16521.66666	0.00004	0.02067	2.67185E-07	0.04363	3.62272E-06	0.00004
444672.99	3747085.77	14763.1768	0.00003	0.01976	2.55422E-07	0.04146	3.44254E-06	0.00004
444772.99	3747085.77	13333.48087	0.00003	0.01874	2.42238E-07	0.03956	3.28478E-06	0.00003
444872.99	3747085.77	12154.7418	0.00003	0.01774	2.29311E-07	0.03783	3.14113E-06	0.00003
444972.99	3747085.77	11145.1858	0.00003	0.01678	2.16902E-07	0.03597	2.98669E-06	0.00003
445072.99	3747085.77	10314.7653	0.00002	0.01597	2.06432E-07	0.03416	2.83640E-06	0.00003
445172.99	3747085.77	9613.03502	0.00002	0.01534	1.98288E-07	0.03255	2.70272E-06	0.00003
445272.99	3747085.77	9030.44559	0.00002	0.01490	1.92601E-07	0.03124	2.59395E-06	0.00002
445372.99	3747085.77	8484.53473	0.00002	0.01453	1.87818E-07	0.02991	2.48351E-06	0.00002
445472.99	3747085.77	7969.51529	0.00002	0.01420	1.83553E-07	0.02848	2.36478E-06	0.00002

445572.99	3747085.77	7523.0254	0.00002	0.01389	1.79545E-07	0.02711	2.25102E-06	0.00002
444172.99	3747185.77	47140.33562	0.00011	0.02369	3.06222E-07	0.06532	5.42370E-06	0.00012
444272.99	3747185.77	36070.83486	0.00008	0.02372	3.06610E-07	0.06178	5.12977E-06	0.00009
444372.99	3747185.77	28781.62787	0.00007	0.02340	3.02474E-07	0.05771	4.79182E-06	0.00007
444472.99	3747185.77	23544.8421	0.00005	0.02256	2.91616E-07	0.05309	4.40821E-06	0.00006
444572.99	3747185.77	19933.52106	0.00005	0.02149	2.77785E-07	0.04949	4.10929E-06	0.00005
444672.99	3747185.77	17335.878	0.00004	0.02033	2.62790E-07	0.04684	3.88926E-06	0.00004
444772.99	3747185.77	15280.27518	0.00004	0.01912	2.47150E-07	0.04438	3.68500E-06	0.00004
444872.99	3747185.77	13689.80145	0.00003	0.01802	2.32931E-07	0.04210	3.49568E-06	0.00004
444972.99	3747185.77	12412.60824	0.00003	0.01710	2.21039E-07	0.03975	3.30056E-06	0.00003
445072.99	3747185.77	11343.53923	0.00003	0.01637	2.11602E-07	0.03743	3.10792E-06	0.00003
445172.99	3747185.77	10448.35434	0.00002	0.01584	2.04752E-07	0.03544	2.94268E-06	0.00003
445272.99	3747185.77	9719.27185	0.00002	0.01547	1.99969E-07	0.03379	2.80568E-06	0.00003
445372.99	3747185.77	9037.83716	0.00002	0.01511	1.95315E-07	0.03204	2.66037E-06	0.00002
445472.99	3747185.77	8440.92228	0.00002	0.01474	1.90533E-07	0.03032	2.51756E-06	0.00002
445572.99	3747185.77	7914.78359	0.00002	0.01435	1.85491E-07	0.02867	2.38055E-06	0.00002
444172.99	3747285.77	76910.80717	0.00018	0.02562	3.31170E-07	0.07905	6.56375E-06	0.00019
444272.99	3747285.77	52107.24958	0.00012	0.02541	3.28456E-07	0.07290	6.05309E-06	0.00013
444372.99	3747285.77	38305.54689	0.00009	0.02472	3.19536E-07	0.06724	5.58313E-06	0.00009
444472.99	3747285.77	29912.32438	0.00007	0.02360	3.05059E-07	0.06193	5.14222E-06	0.00007
444572.99	3747285.77	24413.72426	0.00006	0.02225	2.87609E-07	0.05743	4.76858E-06	0.00006
444672.99	3747285.77	20479.76338	0.00005	0.02082	2.69124E-07	0.05363	4.45305E-06	0.00005
444772.99	3747285.77	17590.99786	0.00004	0.01948	2.51803E-07	0.05026	4.17323E-06	0.00005
444872.99	3747285.77	15450.1467	0.00004	0.01839	2.37713E-07	0.04709	3.91002E-06	0.00004
444972.99	3747285.77	13731.21867	0.00003	0.01754	2.26726E-07	0.04381	3.63767E-06	0.00004
445072.99	3747285.77	12392.71842	0.00003	0.01694	2.18970E-07	0.04098	3.40269E-06	0.00003
445172.99	3747285.77	11291.96327	0.00003	0.01649	2.13154E-07	0.03856	3.20175E-06	0.00003
445272.99	3747285.77	10373.34735	0.00002	0.01610	2.08112E-07	0.03638	3.02073E-06	0.00003
445372.99	3747285.77	9596.84047	0.00002	0.01570	2.02942E-07	0.03428	2.84637E-06	0.00003
445472.99	3747285.77	8934.88398	0.00002	0.01526	1.97254E-07	0.03228	2.68030E-06	0.00002
445572.99	3747285.77	8349.29477	0.00002	0.01475	1.90662E-07	0.03037	2.52171E-06	0.00002
444172.99	3747385.77	114206.4687	0.00027	0.02775	3.58703E-07	0.10003	8.30577E-06	0.00027
444272.99	3747385.77	71489.65336	0.00017	0.02716	3.51076E-07	0.08976	7.45303E-06	0.00017
444372.99	3747385.77	49973.32393	0.00012	0.02607	3.36987E-07	0.08131	6.75140E-06	0.00012
444472.99	3747385.77	37613.24672	0.00009	0.02463	3.18373E-07	0.07400	6.14443E-06	0.00009
444572.99	3747385.77	29949.0782	0.00007	0.02312	2.98855E-07	0.06818	5.66118E-06	0.00008
444672.99	3747385.77	23789.08825	0.00006	0.02124	2.74553E-07	0.06178	5.12977E-06	0.00006
444772.99	3747385.77	19934.89263	0.00005	0.01990	2.57232E-07	0.05705	4.73702E-06	0.00005
444872.99	3747385.77	17129.07172	0.00004	0.01891	2.44435E-07	0.05252	4.36088E-06	0.00004
444972.99	3747385.77	15023.72637	0.00003	0.01820	2.35257E-07	0.04839	4.01796E-06	0.00004
445072.99	3747385.77	13355.55417	0.00003	0.01765	2.28148E-07	0.04480	3.71987E-06	0.00003
445172.99	3747385.77	12055.55268	0.00003	0.01719	2.22202E-07	0.04186	3.47575E-06	0.00003
445272.99	3747385.77	11004.48444	0.00003	0.01671	2.15997E-07	0.03918	3.25323E-06	0.00003
445372.99	3747385.77	10162.78317	0.00002	0.01622	2.09664E-07	0.03673	3.04980E-06	0.00003
445472.99	3747385.77	9431.29039	0.00002	0.01566	2.02425E-07	0.03436	2.85301E-06	0.00002
445572.99	3747385.77	8797.93874	0.00002	0.01511	1.95315E-07	0.03215	2.66951E-06	0.00002
444172.99	3747485.77	151877.0187	0.00035	0.03004	3.88304E-07	0.13369	1.11007E-05	0.00036
444272.99	3747485.77	89445.08799	0.00021	0.02878	3.72017E-07	0.11434	9.49397E-06	0.00022
444372.99	3747485.77	61392.41098	0.00014	0.02733	3.53274E-07	0.10152	8.42949E-06	0.00015
444472.99	3747485.77	44597.81961	0.00010	0.02543	3.28714E-07	0.08976	7.45303E-06	0.00011
444572.99	3747485.77	33560.29456	0.00008	0.02335	3.01828E-07	0.07937	6.59032E-06	0.00008
444672.99	3747485.77	26489.28262	0.00006	0.02165	2.79853E-07	0.07116	5.90862E-06	0.00007
444772.99	3747485.77	21941.86438	0.00005	0.02051	2.65117E-07	0.06475	5.37638E-06	0.00006
444872.99	3747485.77	18601.37626	0.00004	0.01967	2.54259E-07	0.05868	4.87237E-06	0.00005
444972.99	3747485.77	16146.75813	0.00004	0.01904	2.46115E-07	0.05351	4.44309E-06	0.00004
445072.99	3747485.77	14249.94123	0.00003	0.01845	2.38489E-07	0.04918	4.08355E-06	0.00004
445172.99	3747485.77	12790.41472	0.00003	0.01786	2.30863E-07	0.04553	3.78048E-06	0.00003
445272.99	3747485.77	11639.56754	0.00003	0.01725	2.22978E-07	0.04224	3.50731E-06	0.00003
445372.99	3747485.77	10712.8063	0.00002	0.01665	2.15222E-07	0.03924	3.25821E-06	0.00003

445472.99	3747485.77	9957.74921	0.00002	0.01611	2.08242E-07	0.03655	3.03485E-06	0.00003
445572.99	3747485.77	9331.40926	0.00002	0.01568	2.02683E-07	0.03417	2.83723E-06	0.00002
444172.99	3747585.77	181854.603	0.00042	0.03234	4.18034E-07	0.18696	1.55238E-05	0.00044
444272.99	3747585.77	100974.3669	0.00023	0.03030	3.91665E-07	0.15077	1.25189E-05	0.00025
444372.99	3747585.77	67868.59582	0.00016	0.02834	3.66329E-07	0.12793	1.06224E-05	0.00017
444472.99	3747585.77	48215.52557	0.00011	0.02601	3.36211E-07	0.10883	9.03646E-06	0.00012
444572.99	3747585.77	35716.21632	0.00008	0.02381	3.07774E-07	0.09311	7.73119E-06	0.00009
444672.99	3747585.77	28372.76631	0.00007	0.02241	2.89677E-07	0.08247	6.84772E-06	0.00007
444772.99	3747585.77	23386.21451	0.00005	0.02144	2.77138E-07	0.07370	6.11952E-06	0.00006
444872.99	3747585.77	19722.49006	0.00005	0.02064	2.66797E-07	0.06575	5.45941E-06	0.00005
444972.99	3747585.77	17038.83606	0.00004	0.01991	2.57361E-07	0.05923	4.91803E-06	0.00004
445072.99	3747585.77	15066.63126	0.00004	0.01921	2.48313E-07	0.05412	4.49374E-06	0.00004
445172.99	3747585.77	13489.02501	0.00003	0.01847	2.38748E-07	0.04952	4.11179E-06	0.00004
445272.99	3747585.77	12281.77979	0.00003	0.01781	2.30216E-07	0.04555	3.78215E-06	0.00003
445372.99	3747585.77	11318.81326	0.00003	0.01728	2.23365E-07	0.04205	3.49153E-06	0.00003
445472.99	3747585.77	10515.86921	0.00002	0.01686	2.17936E-07	0.03892	3.23164E-06	0.00003
445572.99	3747585.77	9888.17219	0.00002	0.01665	2.15222E-07	0.03635	3.01824E-06	0.00003
444172.99	3747685.77	158862.0873	0.00037	0.03471	4.48670E-07	0.26299	2.18368E-05	0.00039
444272.99	3747685.77	96509.28366	0.00022	0.03194	4.12864E-07	0.19937	1.65543E-05	0.00024
444372.99	3747685.77	65730.21331	0.00015	0.02926	3.78222E-07	0.15950	1.32437E-05	0.00017
444472.99	3747685.77	47086.8567	0.00011	0.02664	3.44355E-07	0.13013	1.08051E-05	0.00012
444572.99	3747685.77	35750.1885	0.00008	0.02469	3.19149E-07	0.10917	9.06469E-06	0.00009
444672.99	3747685.77	28694.87644	0.00007	0.02346	3.03249E-07	0.09476	7.86819E-06	0.00007
444772.99	3747685.77	23804.85116	0.00006	0.02249	2.90711E-07	0.08299	6.89089E-06	0.00006
444872.99	3747685.77	20322.38774	0.00005	0.02163	2.79594E-07	0.07335	6.09046E-06	0.00005
444972.99	3747685.77	17685.53131	0.00004	0.02075	2.68219E-07	0.06553	5.44114E-06	0.00005
445072.99	3747685.77	15702.58219	0.00004	0.01995	2.57878E-07	0.05928	4.92219E-06	0.00004
445172.99	3747685.77	14148.16717	0.00003	0.01926	2.48959E-07	0.05385	4.47132E-06	0.00004
445272.99	3747685.77	12898.03385	0.00003	0.01872	2.41979E-07	0.04904	4.07193E-06	0.00003
445372.99	3747685.77	11884.21353	0.00003	0.01834	2.37067E-07	0.04490	3.72817E-06	0.00003
445472.99	3747685.77	11049.88405	0.00003	0.01813	2.34353E-07	0.04140	3.43756E-06	0.00003
445572.99	3747685.77	10349.19814	0.00002	0.01804	2.33189E-07	0.03849	3.19593E-06	0.00003
444172.99	3747785.77	116724.1697	0.00027	0.03674	4.74910E-07	0.34689	2.88033E-05	0.00030
444272.99	3747785.77	78001.26389	0.00018	0.03334	4.30961E-07	0.24961	2.07258E-05	0.00020
444372.99	3747785.77	57565.43482	0.00013	0.03061	3.95672E-07	0.19359	1.60743E-05	0.00015
444472.99	3747785.77	42739.95234	0.00010	0.02781	3.59479E-07	0.15321	1.27215E-05	0.00011
444572.99	3747785.77	33726.33708	0.00008	0.02604	3.36599E-07	0.12656	1.05086E-05	0.00009
444672.99	3747785.77	27740.61196	0.00006	0.02474	3.19795E-07	0.10760	8.93433E-06	0.00007
444772.99	3747785.77	23650.12604	0.00005	0.02370	3.06352E-07	0.09314	7.73368E-06	0.00006
444872.99	3747785.77	20479.0748	0.00005	0.02266	2.92908E-07	0.08129	6.74974E-06	0.00005
444972.99	3747785.77	18019.62724	0.00004	0.02173	2.80887E-07	0.07199	5.97753E-06	0.00005
445072.99	3747785.77	16099.08112	0.00004	0.02098	2.71192E-07	0.06433	5.34150E-06	0.00004
445172.99	3747785.77	14644.76731	0.00003	0.02054	2.65505E-07	0.05800	4.81590E-06	0.00004
445272.99	3747785.77	13413.41867	0.00003	0.02023	2.61498E-07	0.05243	4.35341E-06	0.00004
445372.99	3747785.77	12361.72794	0.00003	0.02002	2.58783E-07	0.04772	3.96233E-06	0.00003
445472.99	3747785.77	11489.65545	0.00003	0.01993	2.57620E-07	0.04391	3.64597E-06	0.00003
445572.99	3747785.77	10727.71707	0.00002	0.01984	2.56456E-07	0.04072	3.38110E-06	0.00003
444172.99	3747885.77	81437.16783	0.00019	0.03863	4.99340E-07	0.39920	3.31467E-05	0.00022
444272.99	3747885.77	59337.90119	0.00014	0.03495	4.51772E-07	0.28693	2.38246E-05	0.00016
444372.99	3747885.77	46447.28747	0.00011	0.03207	4.14544E-07	0.22063	1.83195E-05	0.00013
444472.99	3747885.77	36989.70964	0.00009	0.02955	3.81970E-07	0.17503	1.45332E-05	0.00010
444572.99	3747885.77	30332.67087	0.00007	0.02751	3.55601E-07	0.14200	1.17907E-05	0.00008
444672.99	3747885.77	26086.65635	0.00006	0.02616	3.38150E-07	0.11994	9.95896E-06	0.00007
444772.99	3747885.77	22854.24142	0.00005	0.02502	3.23414E-07	0.10281	8.53661E-06	0.00006
444872.99	3747885.77	20189.35878	0.00005	0.02402	3.10488E-07	0.08912	7.39989E-06	0.00005
444972.99	3747885.77	18048.34375	0.00004	0.02326	3.00664E-07	0.07823	6.49566E-06	0.00005
445072.99	3747885.77	16308.31687	0.00004	0.02275	2.94072E-07	0.06914	5.74089E-06	0.00004
445172.99	3747885.77	14953.75264	0.00003	0.02253	2.91228E-07	0.06184	5.13475E-06	0.00004
445272.99	3747885.77	13770.49896	0.00003	0.02239	2.89418E-07	0.05570	4.62493E-06	0.00004

445372.99	3747885.77	12721.8992	0.00003	0.02222	2.87221E-07	0.05065	4.20561E-06	0.00003
445472.99	3747885.77	11765.53487	0.00003	0.02194	2.83602E-07	0.04643	3.85521E-06	0.00003
445572.99	3747885.77	10945.96967	0.00003	0.02160	2.79207E-07	0.04293	3.56460E-06	0.00003
444172.99	3747985.77	55924.70375	0.00013	0.04201	5.43031E-07	0.41060	3.40933E-05	0.00016
444272.99	3747985.77	44570.01751	0.00010	0.03701	4.78400E-07	0.30811	2.55832E-05	0.00013
444372.99	3747985.77	36556.50175	0.00008	0.03347	4.32641E-07	0.23882	1.98299E-05	0.00011
444472.99	3747985.77	31221.96335	0.00007	0.03110	4.02006E-07	0.19035	1.58053E-05	0.00009
444572.99	3747985.77	27353.58079	0.00006	0.02935	3.79385E-07	0.15688	1.30262E-05	0.00008
444672.99	3747985.77	24305.96107	0.00006	0.02799	3.61805E-07	0.13180	1.09437E-05	0.00007
444772.99	3747985.77	21797.59552	0.00005	0.02696	3.48491E-07	0.11205	9.30383E-06	0.00006
444872.99	3747985.77	19733.36497	0.00005	0.02625	3.39314E-07	0.09680	8.03758E-06	0.00005
444972.99	3747985.77	17930.37072	0.00004	0.02574	3.32721E-07	0.08421	6.99219E-06	0.00005
445072.99	3747985.77	16410.96302	0.00004	0.02542	3.28585E-07	0.07395	6.14028E-06	0.00004
445172.99	3747985.77	15047.66968	0.00003	0.02509	3.24319E-07	0.06553	5.44114E-06	0.00004
445272.99	3747985.77	13898.35718	0.00003	0.02478	3.20312E-07	0.05897	4.89645E-06	0.00004
445372.99	3747985.77	12830.42342	0.00003	0.02430	3.14107E-07	0.05352	4.44392E-06	0.00003
445472.99	3747985.77	11857.42183	0.00003	0.02365	3.05705E-07	0.04895	4.06446E-06	0.00003
445572.99	3747985.77	11013.81169	0.00003	0.02294	2.96528E-07	0.04509	3.74395E-06	0.00003
444172.99	3748085.77	45041.87826	0.00010	0.04402	5.69013E-07	0.46067	3.82507E-05	0.00014
444272.99	3748085.77	37004.70077	0.00009	0.03887	5.02443E-07	0.33691	2.79746E-05	0.00011
444372.99	3748085.77	31941.52526	0.00007	0.03573	4.61854E-07	0.26059	2.16375E-05	0.00010
444472.99	3748085.77	28341.75911	0.00007	0.03360	4.34321E-07	0.20921	1.73713E-05	0.00008
444572.99	3748085.77	25458.89558	0.00006	0.03201	4.13769E-07	0.17218	1.42966E-05	0.00007
444672.99	3748085.77	23101.86145	0.00005	0.03087	3.99033E-07	0.14362	1.19252E-05	0.00007
444772.99	3748085.77	21134.25756	0.00005	0.03012	3.89338E-07	0.12165	1.01009E-05	0.00006
444872.99	3748085.77	19388.51953	0.00005	0.02957	3.82229E-07	0.10434	8.66365E-06	0.00005
444972.99	3748085.77	17745.66252	0.00004	0.02899	3.74731E-07	0.08995	7.46880E-06	0.00005
445072.99	3748085.77	16276.24095	0.00004	0.02836	3.66588E-07	0.07846	6.51476E-06	0.00004
445172.99	3748085.77	14966.60006	0.00003	0.02764	3.57281E-07	0.06946	5.76746E-06	0.00004
445272.99	3748085.77	13799.50755	0.00003	0.02681	3.46552E-07	0.06231	5.17378E-06	0.00004
445372.99	3748085.77	12768.65175	0.00003	0.02588	3.34531E-07	0.05644	4.68637E-06	0.00003
445472.99	3748085.77	11830.46625	0.00003	0.02486	3.21346E-07	0.05147	4.27370E-06	0.00003
445572.99	3748085.77	10999.6492	0.00003	0.02383	3.08032E-07	0.04727	3.92496E-06	0.00003
444172.99	3748185.77	50920.13637	0.00012	0.04679	6.04818E-07	0.60565	5.02888E-05	0.00017
444272.99	3748185.77	38987.21876	0.00009	0.04240	5.48072E-07	0.40770	3.38525E-05	0.00013
444372.99	3748185.77	32494.50956	0.00008	0.03952	5.10845E-07	0.30168	2.50493E-05	0.00010
444472.99	3748185.77	28360.29373	0.00007	0.03761	4.86156E-07	0.23633	1.96231E-05	0.00009
444572.99	3748185.77	25371.50887	0.00006	0.03625	4.68576E-07	0.19159	1.59083E-05	0.00008
444672.99	3748185.77	22943.4887	0.00005	0.03515	4.54357E-07	0.15744	1.30727E-05	0.00007
444772.99	3748185.77	20853.90884	0.00005	0.03416	4.41560E-07	0.13147	1.09163E-05	0.00006
444872.99	3748185.77	19154.18036	0.00004	0.03334	4.30961E-07	0.11188	9.28971E-06	0.00005
444972.99	3748185.77	17486.33231	0.00004	0.03219	4.16095E-07	0.09567	7.94375E-06	0.00005
445072.99	3748185.77	16027.81473	0.00004	0.03094	3.99938E-07	0.08323	6.91082E-06	0.00004
445172.99	3748185.77	14743.66503	0.00003	0.02963	3.83004E-07	0.07356	6.10790E-06	0.00004
445272.99	3748185.77	13622.3325	0.00003	0.02830	3.65812E-07	0.06580	5.46356E-06	0.00004
445372.99	3748185.77	12627.61543	0.00003	0.02698	3.48750E-07	0.05937	4.92966E-06	0.00003
445472.99	3748185.77	11744.9643	0.00003	0.02572	3.32463E-07	0.05401	4.48460E-06	0.00003
445572.99	3748185.77	10961.01614	0.00003	0.02454	3.17210E-07	0.04953	4.11262E-06	0.00003
444172.99	3748285.77	67202.20138	0.00016	0.05242	6.77593E-07	0.98862	8.20879E-05	0.00024
444272.99	3748285.77	47708.39436	0.00011	0.04861	6.28344E-07	0.56263	4.67168E-05	0.00016
444372.99	3748285.77	37500.44488	0.00009	0.04597	5.94219E-07	0.38356	3.18481E-05	0.00012
444472.99	3748285.77	31124.53737	0.00007	0.04379	5.66040E-07	0.28349	2.35390E-05	0.00010
444572.99	3748285.77	26822.28595	0.00006	0.04200	5.42902E-07	0.22057	1.83146E-05	0.00008
444672.99	3748285.77	23586.41494	0.00005	0.04026	5.20410E-07	0.17608	1.46204E-05	0.00007
444772.99	3748285.77	21113.89181	0.00005	0.03860	4.98953E-07	0.14436	1.19866E-05	0.00006
444872.99	3748285.77	19002.77991	0.00004	0.03672	4.74651E-07	0.12005	9.96809E-06	0.00005
444972.99	3748285.77	17241.17142	0.00004	0.03479	4.49704E-07	0.10194	8.46437E-06	0.00005
445072.99	3748285.77	15787.68747	0.00004	0.03294	4.25790E-07	0.08842	7.34176E-06	0.00004
445172.99	3748285.77	14517.91722	0.00003	0.03112	4.02264E-07	0.07778	6.45829E-06	0.00004

445272.99	3748285.77	13447.1325	0.00003	0.02948	3.81065E-07	0.06932	5.75584E-06	0.00004
445372.99	3748285.77	12497.19826	0.00003	0.02795	3.61288E-07	0.06240	5.18125E-06	0.00003
445472.99	3748285.77	11647.68398	0.00003	0.02656	3.43321E-07	0.05666	4.70464E-06	0.00003
445572.99	3748285.77	10900.89601	0.00003	0.02530	3.27034E-07	0.05178	4.29944E-06	0.00003
444172.99	3748385.77	88971.92844	0.00021	0.06248	8.07631E-07	2.70863	2.24905E-04	0.00043
444272.99	3748385.77	58402.09054	0.00014	0.05785	7.47783E-07	0.93435	7.75817E-05	0.00021
444372.99	3748385.77	43361.35133	0.00010	0.05419	7.00473E-07	0.53232	4.42000E-05	0.00015
444472.99	3748385.77	34494.1625	0.00008	0.05107	6.60143E-07	0.35952	2.98520E-05	0.00011
444572.99	3748385.77	28519.22312	0.00007	0.04800	6.20459E-07	0.26123	2.16907E-05	0.00009
444672.99	3748385.77	24425.29614	0.00006	0.04514	5.83490E-07	0.20011	1.66157E-05	0.00007
444772.99	3748385.77	21458.2797	0.00005	0.04235	5.47426E-07	0.15894	1.31972E-05	0.00006
444872.99	3748385.77	19093.05763	0.00004	0.03959	5.11750E-07	0.13002	1.07959E-05	0.00006
444972.99	3748385.77	17116.0284	0.00004	0.03688	4.76719E-07	0.10910	9.05888E-06	0.00005
445072.99	3748385.77	15650.32844	0.00004	0.03459	4.47118E-07	0.09406	7.81007E-06	0.00004
445172.99	3748385.77	14355.38164	0.00003	0.03245	4.19456E-07	0.08225	6.82945E-06	0.00004
445272.99	3748385.77	13289.49325	0.00003	0.03060	3.95543E-07	0.07301	6.06223E-06	0.00004
445372.99	3748385.77	12365.95918	0.00003	0.02896	3.74344E-07	0.06545	5.43450E-06	0.00003
445472.99	3748385.77	11571.5457	0.00003	0.02752	3.55730E-07	0.05909	4.90641E-06	0.00003
445572.99	3748385.77	10825.19526	0.00003	0.02613	3.37762E-07	0.05365	4.45471E-06	0.00003
444172.99	3748485.77	89685.51685	0.00021	0.07524	9.72570E-07	5.06212	4.20322E-04	0.00063
444272.99	3748485.77	62133.63553	0.00014	0.06870	8.88032E-07	2.14399	1.78022E-04	0.00032
444372.99	3748485.77	46583.3218	0.00011	0.06349	8.20687E-07	0.83445	6.92867E-05	0.00018
444472.99	3748485.77	36530.82707	0.00008	0.05844	7.55409E-07	0.48158	3.99870E-05	0.00013
444572.99	3748485.77	29821.32815	0.00007	0.05371	6.94268E-07	0.32045	2.66079E-05	0.00010
444672.99	3748485.77	25128.54728	0.00006	0.04936	6.38039E-07	0.23094	1.91756E-05	0.00008
444772.99	3748485.77	21713.03776	0.00005	0.04543	5.87239E-07	0.17660	1.46636E-05	0.00007
444872.99	3748485.77	19210.106	0.00004	0.04206	5.43677E-07	0.14200	1.17907E-05	0.00006
444972.99	3748485.77	17183.45004	0.00004	0.03897	5.03735E-07	0.11790	9.78957E-06	0.00005
445072.99	3748485.77	15518.91931	0.00004	0.03620	4.67930E-07	0.10022	8.32155E-06	0.00004
445172.99	3748485.77	14238.49138	0.00003	0.03394	4.38716E-07	0.08706	7.22884E-06	0.00004
445272.99	3748485.77	13125.00088	0.00003	0.03188	4.12088E-07	0.07651	6.35284E-06	0.00004
445372.99	3748485.77	12220.60258	0.00003	0.03017	3.89984E-07	0.06798	5.64457E-06	0.00003
445472.99	3748485.77	11400.74121	0.00003	0.02856	3.69173E-07	0.06088	5.05504E-06	0.00003
445572.99	3748485.77	10683.87176	0.00002	0.02714	3.50818E-07	0.05492	4.56016E-06	0.00003
443047.86	3748855.7	210012.8747	0.00049	1.16706	1.50857E-05	0.03895	3.23413E-06	0.00051
443030.11	3748868.74	202622.1856	0.00047	0.99029	1.28007E-05	0.03798	3.15359E-06	0.00049
443016.91	3748884.58	220213.9166	0.00051	0.88024	1.13782E-05	0.03706	3.07720E-06	0.00053
442999.31	3748898.66	211000.3739	0.00049	0.76221	9.85250E-06	0.03613	2.99998E-06	0.00050
442983.47	3748918.02	220427.9238	0.00051	0.67038	8.66549E-06	0.03512	2.91611E-06	0.00052
442962.35	3748934.74	202222.5618	0.00047	0.57481	7.43013E-06	0.03412	2.83308E-06	0.00048
442947.39	3748948.82	192719.6938	0.00045	0.51727	6.68635E-06	0.03340	2.77330E-06	0.00046
442935.07	3748963.78	192203.6578	0.00045	0.47339	6.11915E-06	0.03274	2.71849E-06	0.00046
442916.59	3748985.78	194353.7418	0.00045	0.41469	5.36038E-06	0.03171	2.63297E-06	0.00046
442898.98	3749001.62	177140.4776	0.00041	0.36979	4.77999E-06	0.03093	2.56821E-06	0.00042
442881.38	3749017.46	155340.8234	0.00036	0.33228	4.29513E-06	0.03026	2.51257E-06	0.00037
442868.18	3749033.31	142109.9448	0.00033	0.30498	3.94224E-06	0.02966	2.46275E-06	0.00034
442854.1	3749046.51	120139.2036	0.00028	0.28105	3.63292E-06	0.02915	2.42041E-06	0.00029
442832.98	3749062.35	86466.1982	0.00020	0.25129	3.24823E-06	0.02848	2.36478E-06	0.00021
442816.26	3749081.71	65380.88559	0.00015	0.22807	2.94809E-06	0.02783	2.31080E-06	0.00016
442801.3	3749094.91	51695.4329	0.00012	0.21126	2.73080E-06	0.02734	2.27012E-06	0.00013
442780.18	3749111.63	39318.28796	0.00009	0.19090	2.46762E-06	0.02669	2.21615E-06	0.00010
442764.34	3749127.47	32709.28705	0.00008	0.17669	2.28394E-06	0.02619	2.17463E-06	0.00008
442750.26	3749130.11	29688.05431	0.00007	0.16864	2.17988E-06	0.02597	2.15636E-06	0.00007
442722.1	3749138.03	24768.17223	0.00006	0.15355	1.98482E-06	0.02549	2.11651E-06	0.00006
442705.38	3749146.83	22404.14596	0.00005	0.14457	1.86875E-06	0.02511	2.08495E-06	0.00006
442678.1	3749144.19	20231.02573	0.00005	0.13481	1.74259E-06	0.02478	2.05755E-06	0.00005
442659.62	3749147.71	18786.18742	0.00004	0.12784	1.65249E-06	0.02448	2.03264E-06	0.00005
442638.49	3749145.07	17606.57505	0.00004	0.12161	1.57196E-06	0.02423	2.01189E-06	0.00004
442662.26	3749101.07	20772.64481	0.00005	0.13666	1.76650E-06	0.02523	2.09492E-06	0.00005

442694.82	3749095.79	24087.61576	0.00006	0.15076	1.94876E-06	0.02579	2.14142E-06	0.00006
442709.78	3749094.03	25988.60316	0.00006	0.15790	2.04105E-06	0.02604	2.16217E-06	0.00006
442730.02	3749086.99	29427.25996	0.00007	0.16957	2.19190E-06	0.02647	2.19788E-06	0.00007
442752.02	3749068.51	34986.54241	0.00008	0.18672	2.41359E-06	0.02715	2.25434E-06	0.00009
442796.9	3749035.95	51002.74456	0.00012	0.22883	2.95791E-06	0.02854	2.36976E-06	0.00012
442817.14	3749007.78	57950.67101	0.00013	0.25664	3.31739E-06	0.02949	2.44864E-06	0.00014
442845.3	3748987.54	71715.26817	0.00017	0.29572	3.82255E-06	0.03044	2.52752E-06	0.00017
442865.54	3748973.46	82989.47291	0.00019	0.32894	4.25196E-06	0.03113	2.58481E-06	0.00020
442840.9	3748956.74	60505.14351	0.00014	0.29743	3.84465E-06	0.03105	2.57817E-06	0.00015
442888.42	3748944.42	86702.41897	0.00020	0.37644	4.86595E-06	0.03234	2.68528E-06	0.00021
442871.7	3748932.1	69369.71374	0.00016	0.34792	4.49730E-06	0.03230	2.68196E-06	0.00017
442872.58	3748910.98	63308.89916	0.00015	0.35178	4.54719E-06	0.03282	2.72514E-06	0.00015
442880.5	3748896.9	62905.42944	0.00015	0.36682	4.74160E-06	0.03335	2.76915E-06	0.00015
442906.02	3748895.14	75267.11039	0.00017	0.42037	5.43380E-06	0.03399	2.82229E-06	0.00018
442925.39	3748905.7	93494.90827	0.00022	0.46767	6.04521E-06	0.03421	2.84055E-06	0.00023
442928.03	3748871.38	76464.68309	0.00018	0.47456	6.13427E-06	0.03520	2.92276E-06	0.00019
442942.99	3748881.94	92304.92789	0.00021	0.52148	6.74077E-06	0.03529	2.93023E-06	0.00022
442959.71	3748871.38	98151.40109	0.00023	0.58004	7.49773E-06	0.03602	2.99084E-06	0.00024
442923.63	3748842.34	62944.78799	0.00015	0.45462	5.87652E-06	0.03590	2.98088E-06	0.00016
442937.71	3748821.22	60657.23003	0.00014	0.48229	6.23419E-06	0.03692	3.06557E-06	0.00015
442971.15	3748822.98	74911.66051	0.00017	0.60302	7.79478E-06	0.03781	3.13947E-06	0.00019
442986.11	3748841.46	95832.1247	0.00022	0.68802	8.89351E-06	0.03763	3.12453E-06	0.00023
442985.23	3748812.42	75851.49547	0.00018	0.65520	8.46927E-06	0.03857	3.20258E-06	0.00019
443001.95	3748822.1	90383.00519	0.00021	0.75575	9.76900E-06	0.03878	3.22001E-06	0.00022
443063.55	3748836.18	185637.3896	0.00043	1.36712	1.76717E-05	0.04016	3.33460E-06	0.00045
443064.43	3748815.06	138633.1395	0.00032	1.34855	1.74317E-05	0.04095	3.40019E-06	0.00034
443051.23	3748791.3	99745.47349	0.00023	1.11035	1.43526E-05	0.04124	3.42427E-06	0.00025
443003.71	3748799.22	76578.1778	0.00018	0.73147	9.45515E-06	0.03961	3.28893E-06	0.00019
442974.67	3748795.7	63979.92921	0.00015	0.58480	7.55926E-06	0.03881	3.22250E-06	0.00016
443038.91	3748779.86	83682.53834	0.00019	0.94633	1.22325E-05	0.04126	3.42593E-06	0.00021
443027.47	3748759.61	68011.07879	0.00016	0.78572	1.01564E-05	0.04165	3.45832E-06	0.00017
443023.95	3748743.77	61456.1562	0.00014	0.71380	9.22675E-06	0.04207	3.49319E-06	0.00016
443008.99	3748724.41	52834.20768	0.00012	0.58681	7.58524E-06	0.04223	3.50648E-06	0.00013
443008.99	3748702.41	48812.67458	0.00011	0.53777	6.95134E-06	0.04294	3.56543E-06	0.00012
443097.87	3748795.7	144509.399	0.00034	1.95322	2.52478E-05	0.04273	3.54799E-06	0.00036
443090.83	3748778.98	112513.4431	0.00026	1.64624	2.12797E-05	0.04303	3.57290E-06	0.00029
443071.47	3748764.01	89735.28573	0.00021	1.22125	1.57862E-05	0.04280	3.55381E-06	0.00023
443064.43	3748742.01	75079.60815	0.00017	1.01173	1.30779E-05	0.04326	3.59200E-06	0.00019
443051.23	3748723.53	64913.31441	0.00015	0.82158	1.06199E-05	0.04336	3.60030E-06	0.00017
443042.43	3748707.69	58084.14359	0.00014	0.70747	9.14492E-06	0.04365	3.62438E-06	0.00015
443042.43	3748691.85	54575.3697	0.00013	0.65272	8.43721E-06	0.04419	3.66922E-06	0.00014
443141.87	3748742.01	92508.44877	0.00022	2.29450	2.96592E-05	0.04659	3.86850E-06	0.00025
443121.63	3748726.17	79821.55011	0.00019	1.53496	1.98413E-05	0.04631	3.84525E-06	0.00021
443107.55	3748705.05	69228.67506	0.00016	1.11935	1.44690E-05	0.04645	3.85688E-06	0.00018
443088.19	3748676.01	58785.20774	0.00014	0.78875	1.01956E-05	0.04662	3.87099E-06	0.00015
443145.39	3748708.57	76310.63869	0.00018	1.53184	1.98009E-05	0.04817	3.99969E-06	0.00020
443176.19	3748679.53	72940.98443	0.00017	1.23576	1.59737E-05	0.05108	4.24132E-06	0.00019
443103.15	3748670.73	59844.50534	0.00014	0.82510	1.06654E-05	0.04755	3.94821E-06	0.00015
443230.76	3748790.42	130882.1845	0.00030	18.60532	2.40497E-04	0.04933	4.09601E-06	0.00055
443242.2	3748767.54	114843.5176	0.00027	6.59912	8.53018E-05	0.05107	4.24049E-06	0.00036
443255.4	3748742.89	106729.7963	0.00025	3.31496	4.28499E-05	0.05299	4.39991E-06	0.00030
443265.08	3748712.97	101194.9204	0.00024	1.91868	2.48013E-05	0.05509	4.57428E-06	0.00026
443278.28	3748687.45	103454.928	0.00024	1.34529	1.73895E-05	0.05722	4.75114E-06	0.00026
443297.64	3748659.29	115486.7744	0.00027	0.95696	1.23699E-05	0.06029	5.00605E-06	0.00029
443306.44	3748793.94	176747.1812	0.00041	5.89623	7.62160E-05	0.05284	4.38745E-06	0.00049
443339.88	3748786.02	218855.1373	0.00051	3.56274	4.60528E-05	0.05536	4.59670E-06	0.00056
443371.56	3748768.42	254359.1701	0.00059	2.13893	2.76483E-05	0.05886	4.88731E-06	0.00062
443392.68	3748756.97	283191.5399	0.00066	1.62568	2.10139E-05	0.06126	5.08659E-06	0.00068
443418.2	3748739.37	305319.471	0.00071	1.17862	1.52351E-05	0.06463	5.36641E-06	0.00073

443444.6	3748724.41	331339.4108	0.00077	0.91862	1.18743E-05	0.06799	5.64540E-06	0.00079
443471.89	3748711.21	352629.5049	0.00082	0.73086	9.44727E-06	0.07205	5.98252E-06	0.00084
443496.53	3748694.49	350021.8916	0.00081	0.59044	7.63217E-06	0.07635	6.33956E-06	0.00083
443525.57	3748681.29	373050.6798	0.00087	0.49316	6.37470E-06	0.08106	6.73064E-06	0.00088
443548.45	3748668.09	358960.5146	0.00083	0.42023	5.43199E-06	0.08582	7.12588E-06	0.00085
443583.65	3748651.37	400462.1822	0.00093	0.34539	4.46459E-06	0.09328	7.74530E-06	0.00094
443383	3748960.26	133538.0916	0.00031	5.96445	7.70979E-05	0.04935	4.09767E-06	0.00039
443380.36	3748936.5	162270.5185	0.00038	5.89136	7.61531E-05	0.05043	4.18735E-06	0.00046
443370.68	3748910.1	240582.1946	0.00056	6.18113	7.98987E-05	0.05127	4.25709E-06	0.00064
443386.52	3748896.02	322411.9068	0.00075	4.83508	6.24994E-05	0.05297	4.39825E-06	0.00082
443423.48	3748874.9	363290.0509	0.00084	2.97689	3.84800E-05	0.05666	4.70464E-06	0.00089
443448.13	3748859.94	361474.4992	0.00084	2.21746	2.86634E-05	0.05943	4.93464E-06	0.00087
443465.73	3748849.38	354929.9898	0.00082	1.82300	2.35645E-05	0.06153	5.10901E-06	0.00085
443497.41	3748829.14	347474.2568	0.00081	1.30052	1.68108E-05	0.06580	5.46356E-06	0.00083
443513.25	3748820.34	340577.5219	0.00079	1.11900	1.44645E-05	0.06803	5.64872E-06	0.00081
443539.65	3748809.78	331234.3433	0.00077	0.91433	1.18188E-05	0.07150	5.93685E-06	0.00079
443559.89	3748803.62	323858.7384	0.00075	0.80175	1.03636E-05	0.07415	6.15688E-06	0.00077
443581.89	3748796.58	322121.9668	0.00075	0.69818	9.02484E-06	0.07732	6.42010E-06	0.00076
443602.13	3748793.06	309344.0996	0.00072	0.62524	8.08200E-06	0.08023	6.66172E-06	0.00073
443624.13	3748791.3	291487.2123	0.00068	0.56369	7.28639E-06	0.08339	6.92411E-06	0.00069
443642.61	3748786.9	297983.1885	0.00069	0.51578	6.66709E-06	0.08641	7.17487E-06	0.00071
443661.09	3748783.38	296862.9946	0.00069	0.47409	6.12820E-06	0.08960	7.43974E-06	0.00070
443683.97	3748786.02	260171.5022	0.00060	0.43928	5.67824E-06	0.09310	7.73036E-06	0.00062
443535.25	3748597.69	405540.8033	0.00094	0.30735	3.97288E-06	0.09326	7.74364E-06	0.00095
443511.49	3748617.05	378274.7669	0.00088	0.36228	4.68292E-06	0.08701	7.22469E-06	0.00089
443491.25	3748637.29	353207.8124	0.00082	0.42749	5.52584E-06	0.08190	6.80039E-06	0.00083
443468.37	3748647.85	375088.9332	0.00087	0.49445	6.39138E-06	0.07778	6.45829E-06	0.00088
443441.08	3748674.25	298445.2561	0.00069	0.63096	8.15594E-06	0.07252	6.02154E-06	0.00071
443414.68	3748689.21	265378.8818	0.00062	0.78643	1.01656E-05	0.06850	5.68775E-06	0.00063
443389.16	3748705.93	212270.8218	0.00049	1.01202	1.30816E-05	0.06472	5.37389E-06	0.00051
443307.32	3748632.01	122183.1853	0.00028	0.73870	9.54861E-06	0.06289	5.22193E-06	0.00030
443322.28	3748600.33	127391.4149	0.00030	0.57308	7.40777E-06	0.06657	5.52750E-06	0.00031
443336.36	3748572.17	129774.9112	0.00030	0.46485	6.00876E-06	0.07031	5.83804E-06	0.00031
443355.72	3748617.05	213655.3247	0.00050	0.60380	7.80486E-06	0.06799	5.64540E-06	0.00051
443377.72	3748583.61	244593.9398	0.00057	0.47082	6.08593E-06	0.07286	6.04977E-06	0.00058
443387.4	3748555.45	224604.3893	0.00052	0.40157	5.19079E-06	0.07670	6.36862E-06	0.00053
443399.72	3748531.69	244972.8528	0.00057	0.35276	4.55986E-06	0.08038	6.67418E-06	0.00058
443409.4	3748510.57	274026.1709	0.00064	0.31619	4.08715E-06	0.08379	6.95732E-06	0.00065
443339.88	3748550.17	123263.4873	0.00029	0.40894	5.28605E-06	0.07252	6.02154E-06	0.00030
443358.36	3748517.61	126440.3269	0.00029	0.33399	4.31723E-06	0.07783	6.46245E-06	0.00030
443360.12	3748489.44	120131.7484	0.00028	0.29734	3.84349E-06	0.08068	6.69909E-06	0.00029
443372.44	3748464.8	126718.464	0.00029	0.27139	3.50805E-06	0.08451	7.01710E-06	0.00031
443394.44	3748441.04	127907.8979	0.00030	0.23966	3.09790E-06	0.09104	7.55931E-06	0.00031
443497.41	3748439.28	353276.6159	0.00082	0.21416	2.76828E-06	0.10909	9.05805E-06	0.00083
443522.05	3748422.56	264411.2593	0.00061	0.19356	2.50200E-06	0.11899	9.88008E-06	0.00063
443541.41	3748404.08	218742.6918	0.00051	0.17629	2.27877E-06	0.12900	1.07112E-05	0.00052
443557.25	3748392.64	199557.137	0.00046	0.16445	2.12572E-06	0.13736	1.14054E-05	0.00048
443580.13	3748376.8	194395.3589	0.00045	0.15282	1.97539E-06	0.14988	1.24450E-05	0.00047
443602.13	3748365.36	197044.8026	0.00046	0.14348	1.85466E-06	0.16263	1.35036E-05	0.00047
443623.25	3748346	187984.3226	0.00044	0.13391	1.73095E-06	0.18017	1.49600E-05	0.00045
443653.17	3748335.44	216495.8984	0.00050	0.12619	1.63116E-06	0.20126	1.67112E-05	0.00052
443671.65	3748321.36	212457.187	0.00049	0.11948	1.54443E-06	0.22207	1.84391E-05	0.00051
443508.85	3748368.88	128953.6368	0.00030	0.16704	2.15920E-06	0.12895	1.07071E-05	0.00031
443479.81	3748380.32	128402.5187	0.00030	0.18019	2.32918E-06	0.11823	9.81697E-06	0.00031
443526.45	3748355.68	123579.4457	0.00029	0.15704	2.02994E-06	0.13799	1.14577E-05	0.00030
443548.45	3748339.84	119664.9572	0.00028	0.14651	1.89382E-06	0.15056	1.25014E-05	0.00029
443571.33	3748324	119197.4498	0.00028	0.13798	1.78356E-06	0.16529	1.37245E-05	0.00029
443590.69	3748310.8	117525.8448	0.00027	0.13064	1.68868E-06	0.18006	1.49509E-05	0.00029
443612.69	3748296.72	114473.0413	0.00027	0.12227	1.58049E-06	0.19979	1.65891E-05	0.00028

443636.45	3748282.64	114501.4989	0.00027	0.11520	1.48910E-06	0.22442	1.86342E-05	0.00029
443654.93	3748265.92	108413.3303	0.00025	0.10826	1.39939E-06	0.25278	2.09890E-05	0.00027
443672.53	3748246.56	100775.6636	0.00023	0.10162	1.31356E-06	0.28994	2.40745E-05	0.00026
443689.25	3748231.6	95613.01562	0.00022	0.09609	1.24208E-06	0.33041	2.74349E-05	0.00025
443706.85	3748215.75	91198.51138	0.00021	0.09111	1.17771E-06	0.38476	3.19477E-05	0.00025
443691.02	3748297.6	180994.3228	0.00042	0.11046	1.42783E-06	0.25717	2.13536E-05	0.00044
443707.74	3748282.64	162954.5199	0.00038	0.10320	1.33399E-06	0.29131	2.41883E-05	0.00040
443725.34	3748266.8	146672.4254	0.00034	0.09571	1.23717E-06	0.33591	2.78916E-05	0.00037
443741.18	3748257.12	143450.6011	0.00033	0.09082	1.17396E-06	0.37639	3.12527E-05	0.00037
443759.66	3748243.03	143769.7542	0.00033	0.08760	1.13234E-06	0.44484	3.69363E-05	0.00037
443773.74	3748221.03	124319.4596	0.00029	0.08257	1.06732E-06	0.54504	4.52562E-05	0.00034
443794.86	3748203.43	119731.5823	0.00028	0.07863	1.01639E-06	0.71810	5.96259E-05	0.00034
443813.34	3748185.83	114038.1324	0.00027	0.07565	9.77870E-07	1.00550	8.34895E-05	0.00035
443824.78	3748163.83	97942.50927	0.00023	0.07271	9.39866E-07	1.51251	1.25588E-04	0.00035
443842.38	3748150.63	93928.81141	0.00022	0.07049	9.11170E-07	2.68803	2.23195E-04	0.00044
443794.86	3748123.35	66863.12323	0.00016	0.07120	9.20348E-07	1.68129	1.39602E-04	0.00030
443808.06	3748106.63	63660.40179	0.00015	0.06927	8.95400E-07	3.08244	2.55944E-04	0.00040
443773.74	3748145.35	71632.66635	0.00017	0.07490	9.68175E-07	0.97415	8.08864E-05	0.00025
443762.3	3748169.11	80258.68697	0.00019	0.07859	1.01587E-06	0.71543	5.94042E-05	0.00025
443749.1	3748183.19	84442.02833	0.00020	0.08163	1.05517E-06	0.58754	4.87851E-05	0.00025
443724.46	3748197.27	85906.21693	0.00020	0.08641	1.11696E-06	0.46341	3.84782E-05	0.00024
443669.01	3748506.17	456278.4236	0.00106	0.16757	2.16605E-06	0.14126	1.17292E-05	0.00107
443691.02	3748531.69	421421.424	0.00098	0.16827	2.17510E-06	0.14170	1.17658E-05	0.00099
443709.5	3748544.89	408531.8123	0.00095	0.16773	2.16812E-06	0.14405	1.19609E-05	0.00096
443731.5	3748574.81	488479.0595	0.00114	0.17863	2.30901E-06	0.14217	1.18048E-05	0.00115
443760.54	3748588.01	492227.4151	0.00114	0.17756	2.29518E-06	0.14773	1.22664E-05	0.00116
443782.54	3748564.25	368499.4921	0.00086	0.15708	2.03045E-06	0.16425	1.36381E-05	0.00087
443807.18	3748539.61	319286.6409	0.00074	0.14048	1.81588E-06	0.18532	1.53876E-05	0.00076
443826.54	3748515.85	295794.0235	0.00069	0.12810	1.65585E-06	0.20785	1.72584E-05	0.00071
443852.94	3748491.21	291598.55	0.00068	0.11605	1.50009E-06	0.24221	2.01114E-05	0.00070
443863.5	3748470.09	277268.5411	0.00064	0.10896	1.40844E-06	0.26879	2.23184E-05	0.00067
443881.98	3748439.28	262953.8267	0.00061	0.09933	1.28396E-06	0.32376	2.68827E-05	0.00064
443881.1	3748410.24	241788.1868	0.00056	0.09414	1.21688E-06	0.36454	3.02688E-05	0.00059
443899.59	3748423.44	266522.7554	0.00062	0.09391	1.21390E-06	0.37503	3.11398E-05	0.00065
443891.66	3748384.72	235403.7434	0.00055	0.08859	1.14513E-06	0.43548	3.61591E-05	0.00058
443911.07	3748370.97	234941.6867	0.00055	0.08415	1.08774E-06	0.52822	4.38596E-05	0.00059
443929.51	3748345.54	235422.6524	0.00055	0.07917	1.02337E-06	0.71749	5.95752E-05	0.00061
443939.05	3748329.01	231931.1024	0.00054	0.07629	9.86142E-07	0.90372	7.50384E-05	0.00062
443954.95	3748309.93	224662.7903	0.00052	0.07269	9.39608E-07	1.34686	1.11834E-04	0.00063
443975.29	3748291.49	204705.4954	0.00048	0.06867	8.87644E-07	2.68357	2.22824E-04	0.00070
443932.69	3748260.34	287598.7256	0.00067	0.07062	9.12851E-07	2.00544	1.66517E-04	0.00084
443907.9	3748288.95	305443.0448	0.00071	0.07634	9.86789E-07	0.96108	7.98012E-05	0.00079
443892	3748306.75	297497.9152	0.00069	0.07984	1.03203E-06	0.71213	5.91302E-05	0.00075
443878.65	3748325.19	283314.3591	0.00066	0.08332	1.07701E-06	0.56682	4.70647E-05	0.00071
443864.66	3748341.09	277314.9959	0.00064	0.08690	1.12329E-06	0.47230	3.92164E-05	0.00068
443848.13	3748357.62	283187.1332	0.00066	0.09170	1.18534E-06	0.39491	3.27905E-05	0.00069
443829.69	3748376.69	283464.7409	0.00066	0.09708	1.25488E-06	0.33284	2.76366E-05	0.00069
443795.99	3748384.96	330485.0607	0.00077	0.10430	1.34821E-06	0.28063	2.33015E-05	0.00079
443774.37	3748402.76	337392.4264	0.00078	0.11110	1.43610E-06	0.24472	2.03198E-05	0.00081
443747.03	3748423.75	362819.9905	0.00084	0.12136	1.56873E-06	0.21012	1.74469E-05	0.00086
443723.5	3748442.19	373955.1071	0.00087	0.13046	1.68636E-06	0.18720	1.55437E-05	0.00089
443705.7	3748458.72	369782.5154	0.00086	0.13769	1.77981E-06	0.17199	1.42808E-05	0.00088
443678.36	3748482.88	427820.1458	0.00099	0.15520	2.00615E-06	0.15160	1.25878E-05	0.00101
443730.5	3748499.41	305459.9715	0.00071	0.14289	1.84703E-06	0.16694	1.38615E-05	0.00073
443747.03	3748481.61	284789.4186	0.00066	0.13315	1.72113E-06	0.18177	1.50929E-05	0.00068
443773.1	3748465.71	271642.7095	0.00063	0.12426	1.60621E-06	0.20301	1.68565E-05	0.00065
443753.39	3748477.79	281119.2025	0.00065	0.13094	1.69256E-06	0.18654	1.54889E-05	0.00067
443778.19	3748500.05	270269.4517	0.00063	0.13241	1.71156E-06	0.18874	1.56716E-05	0.00065
443792.17	3748480.97	261838.4611	0.00061	0.12460	1.61061E-06	0.20589	1.70956E-05	0.00063

443816.97	3748455.54	251020.7707	0.00058	0.11355	1.46777E-06	0.23930	1.98698E-05	0.00060
443801.08	3748442.82	261440.0038	0.00061	0.11384	1.47152E-06	0.23592	1.95891E-05	0.00063
443815.7	3748424.38	259012.8826	0.00060	0.10744	1.38879E-06	0.26322	2.18559E-05	0.00063
443834.14	3748437.73	246496.7145	0.00057	0.10672	1.37949E-06	0.26917	2.23499E-05	0.00060
443855.06	3748084.13	61799.66135	0.00014	0.06504	8.40722E-07	6.01320	4.99293E-04	0.00064
443836.57	3748062.13	56032.7779	0.00013	0.06437	8.32062E-07	5.79532	4.81202E-04	0.00061
443812.81	3748041	51684.6916	0.00012	0.06350	8.20816E-07	6.67524	5.54264E-04	0.00068
443769.68	3747996.11	45635.97821	0.00011	0.06030	7.79452E-07	6.98573	5.80045E-04	0.00069
443828.65	3748013.72	50659.10459	0.00012	0.06054	7.82554E-07	2.78547	2.31285E-04	0.00035
443816.33	3747989.95	48575.81104	0.00011	0.05803	7.50109E-07	2.39973	1.99256E-04	0.00031
443813.69	3747954.75	48915.81268	0.00011	0.05449	7.04350E-07	1.74138	1.44592E-04	0.00026
443764.4	3747961.79	44535.53706	0.00010	0.05701	7.36925E-07	3.65084	3.03140E-04	0.00041
443730.07	3747945.06	41823.34905	0.00010	0.05700	7.36795E-07	5.74477	4.77005E-04	0.00057
443706.31	3747923.06	40452.93799	0.00009	0.05690	7.35503E-07	6.68435	5.55021E-04	0.00065
443688.7	3747902.81	39174.00753	0.00009	0.05633	7.28135E-07	6.47949	5.38010E-04	0.00063
443664.94	3747880.81	36872.73387	0.00009	0.05537	7.15726E-07	7.20237	5.98033E-04	0.00068
443646.45	3747852.64	35241.6559	0.00008	0.05394	6.97241E-07	6.00744	4.98815E-04	0.00058
443619.17	3747824.48	33242.45766	0.00008	0.05294	6.84315E-07	6.20254	5.15014E-04	0.00059
443604.2	3747805.99	32506.68567	0.00008	0.05241	6.77464E-07	6.17267	5.12534E-04	0.00059
443618.29	3747776.95	33236.16689	0.00008	0.05016	6.48380E-07	3.76424	3.12556E-04	0.00039
443639.41	3747752.3	34331.70064	0.00008	0.04796	6.19942E-07	3.36329	2.79264E-04	0.00036
443670.22	3747725.02	36521.08788	0.00008	0.04555	5.88790E-07	2.98399	2.47769E-04	0.00033
443702.78	3747688.05	39812.2897	0.00009	0.04294	5.55052E-07	4.06299	3.37362E-04	0.00043
443684.3	3747671.33	37167.7708	0.00009	0.04259	5.50528E-07	5.08300	4.22056E-04	0.00051
443719.51	3747704.77	42664.42001	0.00010	0.04327	5.59318E-07	3.72080	3.08949E-04	0.00041
443730.07	3747724.14	45137.71607	0.00010	0.04398	5.68496E-07	3.08482	2.56141E-04	0.00036
443752.96	3747739.98	50657.38891	0.00012	0.04419	5.71210E-07	3.37538	2.80267E-04	0.00040
443766.16	3747760.22	55392.65205	0.00013	0.04511	5.83102E-07	3.03239	2.51788E-04	0.00038
443789.04	3747782.23	63467.92964	0.00015	0.04558	5.89178E-07	3.15003	2.61556E-04	0.00041
443802.25	3747798.07	69610.52997	0.00016	0.04615	5.96546E-07	3.07128	2.55017E-04	0.00042
443819.85	3747817.44	80861.22878	0.00019	0.04714	6.09343E-07	3.19504	2.65293E-04	0.00045
443838.33	3747832.4	95417.30965	0.00022	0.04773	6.16969E-07	3.61888	3.00486E-04	0.00052
443855.06	3747848.24	108077.3321	0.00025	0.04829	6.24208E-07	3.77117	3.13131E-04	0.00056
443868.26	3747867.61	107478.3622	0.00025	0.04896	6.32868E-07	3.23179	2.68345E-04	0.00052
443885.86	3747890.49	100963.6386	0.00023	0.04954	6.40366E-07	2.53092	2.10149E-04	0.00045
443905.23	3747909.86	96406.84229	0.00022	0.05010	6.47604E-07	1.75664	1.45859E-04	0.00037
443919.31	3747930.1	87632.65741	0.00020	0.05155	6.66347E-07	1.20510	1.00063E-04	0.00030
443942.2	3747945.94	93483.86671	0.00022	0.05380	6.95431E-07	0.95157	7.90116E-05	0.00030
443955.4	3747961.79	78874.55307	0.00018	0.05356	6.92329E-07	0.87148	7.23615E-05	0.00026
443984.44	3747930.1	131764.2959	0.00031	0.05010	6.47604E-07	0.90306	7.49836E-05	0.00038
443991.49	3747911.62	195341.5094	0.00045	0.04869	6.29378E-07	1.00199	8.31981E-05	0.00054
443994.13	3747889.61	301239.2755	0.00070	0.04774	6.17098E-07	1.12807	9.36668E-05	0.00079
444004.69	3747868.49	284421.8857	0.00066	0.04543	5.87239E-07	1.09530	9.09459E-05	0.00075
444006.45	3747849.12	309689.0566	0.00072	0.04448	5.74959E-07	1.05810	8.78570E-05	0.00081
444014.37	3747831.52	306032.0132	0.00071	0.04342	5.61257E-07	0.93711	7.78109E-05	0.00079
444017.01	3747807.75	333814.2396	0.00078	0.04266	5.51433E-07	0.84804	7.04152E-05	0.00085
444024.93	3747790.15	333127.0634	0.00077	0.04191	5.41738E-07	0.74949	6.22323E-05	0.00084
444036.38	3747768.15	325770.5392	0.00076	0.04092	5.28941E-07	0.63974	5.31194E-05	0.00081
444047.82	3747747.9	321250.3887	0.00075	0.03998	5.16791E-07	0.55370	4.59753E-05	0.00079
444058.38	3747728.54	318280.5976	0.00074	0.03899	5.03994E-07	0.48451	4.02302E-05	0.00078
444071.58	3747710.05	306678.1823	0.00071	0.03797	4.90809E-07	0.42185	3.50274E-05	0.00075
444086.55	3747695.97	282912.5283	0.00066	0.03707	4.79175E-07	0.37297	3.09688E-05	0.00069
444102.39	3747681.89	259155.2597	0.00060	0.03619	4.67800E-07	0.33058	2.74490E-05	0.00063
444114.71	3747666.93	248627.9297	0.00058	0.03551	4.59011E-07	0.29847	2.47828E-05	0.00060
444132.32	3747655.48	223984.1903	0.00052	0.03480	4.49833E-07	0.26901	2.23367E-05	0.00054
444112.95	3747621.16	296579.2566	0.00069	0.03418	4.41819E-07	0.25090	2.08329E-05	0.00071
443727.52	3747635.24	43376.31039	0.00010	0.04043	5.22608E-07	6.31366	5.24241E-04	0.00063
443741.61	3747647.56	46439.53042	0.00011	0.04062	5.25064E-07	5.92585	4.92040E-04	0.00060
443754.81	3747668.68	49387.0663	0.00011	0.04097	5.29588E-07	7.04947	5.85337E-04	0.00070

443769.77	3747684.53	53007.59256	0.00012	0.04104	5.30493E-07	6.76168	5.61441E-04	0.00069
443780.34	3747695.09	58000.46143	0.00013	0.04163	5.38119E-07	5.95544	4.94497E-04	0.00063
443797.06	3747714.46	66412.93594	0.00015	0.04244	5.48589E-07	5.92756	4.92182E-04	0.00065
443809.38	3747727.66	74321.9241	0.00017	0.04307	5.56733E-07	5.76002	4.78271E-04	0.00065
443823.47	3747745.26	86468.07186	0.00020	0.04403	5.69142E-07	5.97293	4.95949E-04	0.00070
443846.35	3747775.19	110938.7016	0.00026	0.04498	5.81422E-07	7.26984	6.03635E-04	0.00086
443860.44	3747786.63	133146.7479	0.00031	0.04517	5.83878E-07	6.62934	5.50453E-04	0.00086
443868.36	3747769.91	143596.4352	0.00033	0.04426	5.72115E-07	3.78965	3.14665E-04	0.00065
443879.8	3747749.66	156618.4513	0.00036	0.04304	5.56345E-07	2.30912	1.91733E-04	0.00056
443887.72	3747723.26	157150.1708	0.00037	0.04147	5.36051E-07	1.58687	1.31762E-04	0.00050
443892.12	3747702.13	152859.4486	0.00036	0.04014	5.18859E-07	1.26552	1.05080E-04	0.00046
443895.64	3747682.77	145153.2997	0.00034	0.03867	4.99857E-07	1.03668	8.60785E-05	0.00042
443893	3747660.76	133927.3574	0.00031	0.03768	4.87060E-07	0.88406	7.34060E-05	0.00039
443893.88	3747640.52	132372.2907	0.00031	0.03695	4.77624E-07	0.74881	6.21758E-05	0.00037
443897.41	3747621.15	135615.1023	0.00032	0.03625	4.68576E-07	0.62783	5.21305E-05	0.00037
443900.05	3747604.43	137993.9268	0.00032	0.03567	4.61079E-07	0.54178	4.49855E-05	0.00037
443899.17	3747585.94	134182.7558	0.00031	0.03510	4.53711E-07	0.47008	3.90321E-05	0.00035
443901.81	3747563.94	136289.9025	0.00032	0.03445	4.45309E-07	0.39441	3.27490E-05	0.00035
443901.81	3747546.33	134571.5707	0.00031	0.03400	4.39492E-07	0.34870	2.89535E-05	0.00034
443904.45	3747526.97	137485.8622	0.00032	0.03353	4.33417E-07	0.30577	2.53889E-05	0.00035
443903.57	3747507.6	133394.9761	0.00031	0.03307	4.27471E-07	0.27209	2.25924E-05	0.00033
443901.81	3747487.36	127174.1352	0.00030	0.03258	4.21137E-07	0.24264	2.01471E-05	0.00032
443905.33	3747466.23	129276.3411	0.00030	0.03202	4.13898E-07	0.21521	1.78695E-05	0.00032
443904.45	3747445.99	120244.3566	0.00028	0.03124	4.03816E-07	0.18890	1.56849E-05	0.00030
443903.57	3747429.26	114924.3563	0.00027	0.03078	3.97869E-07	0.17221	1.42991E-05	0.00028
443904.45	3747407.26	113101.66	0.00026	0.03028	3.91406E-07	0.15612	1.29631E-05	0.00028
443903.57	3747388.77	109692.9648	0.00025	0.02991	3.86624E-07	0.14457	1.20041E-05	0.00027
443900.93	3747365.01	104609.1226	0.00024	0.02949	3.81195E-07	0.13203	1.09628E-05	0.00025
443894.76	3747341.24	96282.87578	0.00022	0.02916	3.76929E-07	0.12141	1.00810E-05	0.00023
443891.24	3747320.99	91690.81929	0.00021	0.02885	3.72922E-07	0.11276	9.36278E-06	0.00022
443886.84	3747302.51	86317.79193	0.00020	0.02860	3.69690E-07	0.10563	8.77076E-06	0.00021
443883.32	3747278.74	81701.79594	0.00019	0.02824	3.65037E-07	0.09732	8.08076E-06	0.00020
443882.44	3747257.62	79547.63147	0.00018	0.02790	3.60642E-07	0.09077	7.53689E-06	0.00019
443875.4	3747240.89	70741.01891	0.00016	0.02774	3.58574E-07	0.08688	7.21389E-06	0.00017
443862.2	3747223.29	57423.34717	0.00013	0.02761	3.56893E-07	0.08306	6.89671E-06	0.00014
443848.99	3747203.92	46695.88903	0.00011	0.02740	3.54179E-07	0.07875	6.53884E-06	0.00012
443875.4	3747192.48	56044.32292	0.00013	0.02697	3.48621E-07	0.07639	6.34288E-06	0.00014
443893.88	3747174	57616.63347	0.00013	0.02648	3.42287E-07	0.07313	6.07219E-06	0.00014
443900.93	3747150.23	48007.28715	0.00011	0.02608	3.37116E-07	0.06973	5.78988E-06	0.00012
443879.8	3747124.7	35654.70025	0.00008	0.02587	3.34402E-07	0.06557	5.44446E-06	0.00009
443859.56	3747118.54	31640.12558	0.00007	0.02586	3.34272E-07	0.06390	5.30580E-06	0.00008
443821.71	3747120.3	27800.35351	0.00006	0.02597	3.35694E-07	0.06400	5.31410E-06	0.00007
444137.71	3747581.54	244110.9557	0.00057	0.03278	4.23722E-07	0.20115	1.67021E-05	0.00058
444132.43	3747563.06	250396.4687	0.00058	0.03232	4.17776E-07	0.18970	1.57513E-05	0.00060
444122.74	3747541.93	265502.0146	0.00062	0.03195	4.12993E-07	0.18025	1.49667E-05	0.00063
444115.7	3747514.64	263377.4277	0.00061	0.03142	4.06142E-07	0.16693	1.38607E-05	0.00063
444104.26	3747490.88	277250.439	0.00064	0.03101	4.00842E-07	0.15835	1.31482E-05	0.00066
444093.7	3747447.75	271007.6622	0.00063	0.02993	3.86882E-07	0.13946	1.15798E-05	0.00064
444089.29	3747432.78	268737.1995	0.00062	0.02954	3.81841E-07	0.13363	1.10957E-05	0.00064
444084.01	3747410.78	256690.5489	0.00060	0.02889	3.73439E-07	0.12467	1.03517E-05	0.00061
444079.61	3747394.05	245418.7771	0.00057	0.02836	3.66588E-07	0.11775	9.77712E-06	0.00058
444066.41	3747371.17	247680.8844	0.00058	0.02768	3.57798E-07	0.10957	9.09791E-06	0.00059
444065.53	3747356.2	227966.9386	0.00053	0.02731	3.53015E-07	0.10444	8.67195E-06	0.00054
444057.61	3747328.92	208321.7018	0.00048	0.02679	3.46294E-07	0.09841	8.17126E-06	0.00049
444048.8	3747309.55	201861.0104	0.00047	0.02651	3.42674E-07	0.09563	7.94043E-06	0.00048
444041.76	3747289.31	189436.4589	0.00044	0.02623	3.39055E-07	0.09252	7.68220E-06	0.00045
444039.12	3747269.94	170009.6337	0.00040	0.02593	3.35177E-07	0.08903	7.39241E-06	0.00040
444032.08	3747252.34	162563.1689	0.00038	0.02572	3.32463E-07	0.08653	7.18483E-06	0.00039
444026.8	3747232.09	147754.1245	0.00034	0.02544	3.28843E-07	0.08288	6.88176E-06	0.00035

444024.16	3747211.85	126189.0963	0.00029	0.02512	3.24707E-07	0.07863	6.52887E-06	0.00030
444012.71	3747194.24	117450.1872	0.00027	0.02500	3.23156E-07	0.07559	6.27645E-06	0.00028
444009.19	3747178.4	96205.65456	0.00022	0.02482	3.20829E-07	0.07254	6.02320E-06	0.00023
444000.39	3747159.03	73773.40468	0.00017	0.02470	3.19278E-07	0.06955	5.77493E-06	0.00018
443990.71	3747139.67	57233.45518	0.00013	0.02465	3.18632E-07	0.06745	5.60056E-06	0.00014
443987.19	3747122.06	47236.41057	0.00011	0.02451	3.16822E-07	0.06517	5.41125E-06	0.00012
443544.98	3747753.94	28123.99832	0.00007	0.04822	6.23303E-07	3.07110	2.55002E-04	0.00032
443566.91	3747739.32	29073.87144	0.00007	0.04744	6.13221E-07	4.33457	3.59912E-04	0.00043
443582.75	3747705.21	29562.31193	0.00007	0.04544	5.87368E-07	3.08003	2.55744E-04	0.00033
443608.33	3747662.57	30254.62819	0.00007	0.04288	5.54277E-07	2.85244	2.36846E-04	0.00031
443585.18	3747683.28	29279.74671	0.00007	0.04408	5.69788E-07	2.24464	1.86379E-04	0.00026
443664.38	3747610.18	34224.90341	0.00008	0.04028	5.20669E-07	3.23324	2.68465E-04	0.00035
444061.69	3748396.73	199317.0483	0.00046	0.07097	9.17375E-07	2.05389	1.70540E-04	0.00063
443702.16	3748778.14	278696.1536	0.00065	0.40239	5.20139E-06	0.09712	8.06415E-06	0.00066
443720.87	3748761.68	335421.8942	0.00078	0.35706	4.61544E-06	0.10280	8.53578E-06	0.00079
443735.08	3748748.96	382662.4653	0.00089	0.32612	4.21550E-06	0.10761	8.93516E-06	0.00090
443761.27	3748751.2	310706.2388	0.00072	0.30130	3.89467E-06	0.11354	9.42755E-06	0.00074
443781.48	3748750.46	283067.266	0.00066	0.28286	3.65631E-06	0.11880	9.86430E-06	0.00067
443799.43	3748733.25	335303.0038	0.00078	0.25494	3.29541E-06	0.12675	1.05244E-05	0.00079
443816.64	3748742.22	266084.5773	0.00062	0.25031	3.23557E-06	0.13020	1.08109E-05	0.00063
443859.29	3748707.06	276785.7892	0.00064	0.20408	2.63799E-06	0.15249	1.26617E-05	0.00066
443854.8	3748660.67	400713.596	0.00093	0.18220	2.35516E-06	0.16298	1.35327E-05	0.00095
443872.01	3748652.43	351991.8549	0.00082	0.17183	2.22111E-06	0.17346	1.44029E-05	0.00083
443881.74	3748635.22	348334.2154	0.00081	0.16080	2.07854E-06	0.18455	1.53237E-05	0.00083
443889.22	3748615.02	357286.098	0.00083	0.15017	1.94113E-06	0.19704	1.63608E-05	0.00085
443912.42	3748586.59	328072.994	0.00076	0.13340	1.72436E-06	0.22717	1.88626E-05	0.00078
443949.73	3748543.05	291186.9604	0.00068	0.11218	1.45006E-06	0.29644	2.46143E-05	0.00070
443955.98	3748523.52	311311.2221	0.00072	0.10667	1.37884E-06	0.32541	2.70197E-05	0.00075
443964.58	3748509.45	313352.2435	0.00073	0.10218	1.32080E-06	0.35688	2.96328E-05	0.00076
443975.51	3748496.56	306436.466	0.00071	0.09781	1.26431E-06	0.39755	3.30097E-05	0.00075
444002.47	3748489.92	249398.0228	0.00058	0.09292	1.20111E-06	0.47700	3.96067E-05	0.00062
443993.02	3748508.17	244251.7806	0.00057	0.09776	1.26367E-06	0.41448	3.44154E-05	0.00060
443984.29	3748521.95	242149.2914	0.00056	0.10171	1.31473E-06	0.37406	3.10593E-05	0.00060
443976.48	3748538.5	237609.0642	0.00055	0.10677	1.38013E-06	0.33789	2.80560E-05	0.00058
443964.53	3748550.91	246070.619	0.00057	0.11179	1.44502E-06	0.30681	2.54753E-05	0.00060
443950.29	3748565.15	257524.7517	0.00060	0.11814	1.52711E-06	0.27664	2.29702E-05	0.00062
443942.47	3748583.07	252904.3692	0.00059	0.12511	1.61720E-06	0.25473	2.11510E-05	0.00061
444015.08	3748474.62	239056.5031	0.00056	0.08830	1.14139E-06	0.56375	4.68098E-05	0.00060
444023.81	3748461.29	233436.7446	0.00054	0.08480	1.09614E-06	0.65466	5.43583E-05	0.00060
444033	3748446.13	226451.4098	0.00053	0.08113	1.04871E-06	0.79206	6.57670E-05	0.00059
444049.55	3748429.58	206054.7937	0.00048	0.07698	9.95061E-07	1.09336	9.07848E-05	0.00057
444052.31	3748411.2	214583.8115	0.00050	0.07421	9.59256E-07	1.39496	1.15827E-04	0.00062
443186.88	3748634.7	66382.58595	0.00015	0.77011	9.95462E-06	0.05427	4.50619E-06	0.00017
443201.94	3748608.36	66588.25628	0.00015	0.62454	8.07295E-06	0.05665	4.70381E-06	0.00017
443224.52	3748583.89	67741.50681	0.00016	0.51889	6.70729E-06	0.05999	4.98114E-06	0.00017
443237.69	3748551.9	69218.38986	0.00016	0.43187	5.58245E-06	0.06275	5.21031E-06	0.00017
443250.87	3748525.56	70597.91501	0.00016	0.37405	4.83506E-06	0.06554	5.44197E-06	0.00017
443267.8	3748491.68	68101.5407	0.00016	0.30576	3.95233E-06	0.07021	5.82974E-06	0.00017
443290.38	3748454.05	68498.12162	0.00016	0.25741	3.32734E-06	0.07590	6.30219E-06	0.00017
443299.79	3748416.41	62456.75649	0.00015	0.21718	2.80732E-06	0.08097	6.72317E-06	0.00015
443299.79	3748384.42	56586.19308	0.00013	0.19222	2.48468E-06	0.08443	7.01046E-06	0.00014
443301.68	3748352.43	52614.71737	0.00012	0.17355	2.24335E-06	0.08826	7.32848E-06	0.00013
443305.44	3748320.44	49061.39155	0.00011	0.15716	2.03149E-06	0.09279	7.70462E-06	0.00012
443117.28	3748611.37	52623.60503	0.00012	0.56272	7.27385E-06	0.05086	4.22305E-06	0.00013
443090.7	3748626.39	50914.97499	0.00012	0.57125	7.38411E-06	0.04878	4.05034E-06	0.00013
443162.35	3748585.94	56513.40429	0.00013	0.51343	6.63672E-06	0.05503	4.56930E-06	0.00014
443179.69	3748558.2	56276.44792	0.00013	0.43054	5.56526E-06	0.05796	4.81258E-06	0.00014
443190.09	3748530.47	54405.6189	0.00013	0.36357	4.69959E-06	0.06066	5.03677E-06	0.00014
443205.11	3748494.64	53163.95005	0.00012	0.30091	3.88963E-06	0.06427	5.33652E-06	0.00013

443229.38	3748456.5	51633.2419	0.00012	0.24483	3.16473E-06	0.06973	5.78988E-06	0.00013
443231.69	3748413.74	47323.00101	0.00011	0.20609	2.66397E-06	0.07342	6.09627E-06	0.00012
443252.5	3748389.47	48062.54223	0.00011	0.19125	2.47214E-06	0.07791	6.46909E-06	0.00012
443186.62	3748471.53	48068.54905	0.00011	0.26804	3.46475E-06	0.06419	5.32988E-06	0.00012
443141.55	3748525.84	46768.94904	0.00011	0.34821	4.50104E-06	0.05723	4.75197E-06	0.00012
443138.08	3748498.11	43568.90572	0.00010	0.29875	3.86171E-06	0.05868	4.87237E-06	0.00011
443150.79	3748472.68	43100.70781	0.00010	0.26521	3.42817E-06	0.06119	5.08078E-06	0.00011
443169.29	3748447.26	42891.15103	0.00010	0.23489	3.03624E-06	0.06452	5.35728E-06	0.00011
443183.15	3748419.52	41999.4969	0.00010	0.20874	2.69822E-06	0.06781	5.63046E-06	0.00011
443202.8	3748396.41	42319.55347	0.00010	0.19253	2.48869E-06	0.07156	5.94183E-06	0.00011
443224.76	3748373.29	42849.72745	0.00010	0.17909	2.31496E-06	0.07598	6.30883E-06	0.00011
443238.63	3748345.56	42001.04052	0.00010	0.16427	2.12339E-06	0.08029	6.66671E-06	0.00011
443112.66	3748590.56	49586.32101	0.00012	0.48136	6.22217E-06	0.05167	4.29031E-06	0.00013
443080.3	3748597.5	46110.24603	0.00011	0.45841	5.92551E-06	0.04963	4.12092E-06	0.00012
443072.21	3748572.07	42740.90517	0.00010	0.39003	5.04162E-06	0.05043	4.18735E-06	0.00011
443103.41	3748554.74	45234.41385	0.00011	0.38558	4.98410E-06	0.05286	4.38912E-06	0.00011
443093.01	3748532.78	42307.59932	0.00010	0.33683	4.35394E-06	0.05336	4.43063E-06	0.00011
444066.11	3748315.51	141671.7078	0.00033	0.06180	7.98841E-07	6.42829	5.33759E-04	0.00086
444098.47	3748350.18	129674.9061	0.00030	0.06223	8.04399E-07	6.66903	5.53748E-04	0.00086
444078.82	3748294.7	114877.1948	0.00027	0.05912	7.64199E-07	3.07471	2.55302E-04	0.00052
444089.22	3748273.9	98819.6883	0.00023	0.05692	7.35761E-07	1.99058	1.65283E-04	0.00040
444096.16	3748253.1	88103.55166	0.00020	0.05520	7.13528E-07	1.50103	1.24635E-04	0.00033
444111.18	3748321.29	104581.6625	0.00024	0.05873	7.59158E-07	2.70594	2.24682E-04	0.00047
444131.98	3748302.79	86568.61942	0.00020	0.05603	7.24257E-07	1.64212	1.36350E-04	0.00034
444135.45	3748284.3	79464.53005	0.00018	0.05437	7.02799E-07	1.33474	1.10827E-04	0.00030
443313.52	3748260.81	42892.26822	0.00010	0.13179	1.70355E-06	0.10277	8.53328E-06	0.00011
443230.72	3748275.87	35678.96497	0.00008	0.13198	1.70600E-06	0.08633	7.16822E-06	0.00009
443260.83	3748238.23	35484.93281	0.00008	0.12101	1.56420E-06	0.09587	7.96036E-06	0.00009
443274	3748215.65	34889.2443	0.00008	0.11482	1.48419E-06	0.10152	8.42949E-06	0.00009
443304.11	3748178.01	33784.91974	0.00008	0.10388	1.34278E-06	0.11495	9.54462E-06	0.00009
443198.73	3748330.44	36292.92035	0.00008	0.15130	1.95574E-06	0.07674	6.37194E-06	0.00009
443155.44	3748373.72	35620.20409	0.00008	0.17341	2.24154E-06	0.06843	5.68194E-06	0.00009
443119.69	3748411.36	34943.20367	0.00008	0.19855	2.56650E-06	0.06265	5.20201E-06	0.00009
443100.87	3748441.47	35705.92164	0.00008	0.22643	2.92689E-06	0.05916	4.91222E-06	0.00009
443093.34	3748477.23	38226.78738	0.00009	0.26622	3.44122E-06	0.05632	4.67641E-06	0.00010
443080.17	3748501.69	38789.99454	0.00009	0.28567	3.69264E-06	0.05410	4.49208E-06	0.00010
443718.12	3747857.82	43762.22444	0.00010	0.05241	6.77464E-07	2.08775	1.73352E-04	0.00028
443737.76	3747882.38	45266.8054	0.00011	0.05295	6.84444E-07	2.09655	1.74082E-04	0.00028
443765.27	3747898.1	47688.57604	0.00011	0.05241	6.77464E-07	1.82801	1.51785E-04	0.00026
443754.46	3747918.73	44731.47255	0.00010	0.05400	6.98017E-07	2.36988	1.96778E-04	0.00030
443696.5	3747826.38	41737.76073	0.00010	0.05150	6.65701E-07	2.03608	1.69061E-04	0.00027
443672.93	3747804.77	38641.87521	0.00009	0.05074	6.55877E-07	2.18016	1.81025E-04	0.00027
443726.96	3747844.07	45737.38021	0.00011	0.05132	6.63374E-07	1.82355	1.51415E-04	0.00026
443710.26	3747771.37	43174.10526	0.00010	0.04735	6.12057E-07	1.87416	1.55617E-04	0.00026
443737.76	3747790.04	47945.65029	0.00011	0.04729	6.11282E-07	1.78340	1.48081E-04	0.00026
443746.61	3747808.7	50041.01052	0.00012	0.04820	6.23044E-07	1.70570	1.41629E-04	0.00026
443762.32	3747821.47	53650.93817	0.00012	0.04847	6.26535E-07	1.69713	1.40918E-04	0.00027
443787.87	3747845.05	59379.2031	0.00014	0.04894	6.32610E-07	1.67262	1.38882E-04	0.00028
443800.64	3747866.66	60667.70762	0.00014	0.04985	6.44373E-07	1.60164	1.32989E-04	0.00027
443806.53	3747929.53	50523.62906	0.00012	0.05291	6.83927E-07	1.59853	1.32730E-04	0.00025
443520.64	3747701.59	26480.38569	0.00006	0.04466	5.77286E-07	0.97919	8.13049E-05	0.00014
443551.64	3747661.73	27301.77912	0.00006	0.04268	5.51692E-07	1.02389	8.50165E-05	0.00015
443591.49	3747635.16	28656.89967	0.00007	0.04132	5.34112E-07	1.34533	1.11707E-04	0.00018
443836.47	3747717.7	97504.15854	0.00023	0.04296	5.55311E-07	2.72086	2.25921E-04	0.00045
443840.73	3747688.6	97755.68933	0.00023	0.04154	5.36956E-07	1.81875	1.51016E-04	0.00038
443841.44	3747663.76	91748.78565	0.00021	0.03993	5.16144E-07	1.42835	1.18600E-04	0.00033
443804.53	3747670.15	74795.17124	0.00017	0.04188	5.41351E-07	2.23184	1.85316E-04	0.00036
443787.49	3747657.37	61577.92863	0.00014	0.04055	5.24159E-07	2.55890	2.12473E-04	0.00036
443777.55	3747633.95	55553.93408	0.00013	0.03942	5.09552E-07	2.13903	1.77610E-04	0.00031

443744.9	3747619.04	46707.29663	0.00011	0.03957	5.11491E-07	2.63475	2.18771E-04	0.00033
443761.94	3747606.26	50567.95974	0.00012	0.03884	5.02055E-07	1.55645	1.29236E-04	0.00025
443844.28	3747623.3	83615.9969	0.00019	0.03741	4.83570E-07	0.92080	7.64566E-05	0.00027
443847.12	3747599.87	83316.32513	0.00019	0.03651	4.71937E-07	0.70159	5.82550E-05	0.00025
443852.79	3747578.58	85379.35664	0.00020	0.03572	4.61725E-07	0.54752	4.54621E-05	0.00024
443849.96	3747558	81628.3172	0.00019	0.03513	4.54099E-07	0.45330	3.76388E-05	0.00023
443849.96	3747537.41	80595.3748	0.00019	0.03463	4.47635E-07	0.38138	3.16671E-05	0.00022
443854.92	3747518.25	82179.60293	0.00019	0.03402	4.39750E-07	0.32414	2.69143E-05	0.00022
443847.12	3747495.53	74939.80445	0.00017	0.03352	4.33287E-07	0.27898	2.31645E-05	0.00020
443853.5	3747478.5	77053.2371	0.00018	0.03297	4.26178E-07	0.24680	2.04925E-05	0.00020
443850.67	3747457.2	73418.1249	0.00017	0.03250	4.20103E-07	0.21879	1.81668E-05	0.00019
443854.21	3747438.75	73433.32019	0.00017	0.03197	4.13252E-07	0.19607	1.62802E-05	0.00019
443849.96	3747397.58	67474.54698	0.00016	0.03112	4.02264E-07	0.16071	1.33442E-05	0.00017
443854.21	3747418.16	71270.7885	0.00017	0.03148	4.06918E-07	0.17577	1.45947E-05	0.00018
443853.5	3747378.41	67908.07795	0.00016	0.03068	3.96577E-07	0.14766	1.22606E-05	0.00017
443843.57	3747336.54	60087.56336	0.00014	0.02998	3.87528E-07	0.12447	1.03351E-05	0.00015
443836.47	3747315.24	55548.91617	0.00013	0.02965	3.83263E-07	0.11462	9.51722E-06	0.00014
443829.37	3747296.08	51285.66127	0.00012	0.02934	3.79256E-07	0.10639	8.83386E-06	0.00013
443827.95	3747274.07	48816.61297	0.00011	0.02891	3.73697E-07	0.09824	8.15715E-06	0.00012
443816.59	3747254.2	43491.26549	0.00010	0.02860	3.69690E-07	0.09225	7.65978E-06	0.00011
443805.95	3747236.45	39103.05437	0.00009	0.02829	3.65683E-07	0.08733	7.25126E-06	0.00010
443803.11	3747219.42	36731.81948	0.00009	0.02794	3.61159E-07	0.08289	6.88259E-06	0.00009
443838.6	3747186.06	39846.47241	0.00009	0.02714	3.50818E-07	0.07512	6.23743E-06	0.00010
443838.6	3747171.15	37137.78827	0.00009	0.02687	3.47328E-07	0.07238	6.00992E-06	0.00009
443970.69	3747984.97	64128.54427	0.00015	0.05277	6.82117E-07	0.81900	6.80039E-05	0.00022
443980.63	3747995.62	60152.35612	0.00014	0.05218	6.74491E-07	0.79341	6.58791E-05	0.00021
443994.83	3748014.08	56082.0419	0.00013	0.05168	6.68028E-07	0.76799	6.37684E-05	0.00019
444006.19	3748026.85	53954.84027	0.00013	0.05114	6.61048E-07	0.74942	6.22265E-05	0.00019
444016.83	3748040.34	52645.93746	0.00012	0.05083	6.57040E-07	0.73978	6.14260E-05	0.00018
444040.26	3748051.7	51397.79299	0.00012	0.04980	6.43726E-07	0.69010	5.73010E-05	0.00018
444048.78	3748065.89	50784.53186	0.00012	0.04960	6.41141E-07	0.69236	5.74886E-05	0.00018
444060.13	3748085.77	51125.04	0.00012	0.04957	6.40753E-07	0.70401	5.84559E-05	0.00018
444079.3	3748100.68	51535.79714	0.00012	0.04913	6.35066E-07	0.68356	5.67579E-05	0.00018
444088.53	3748117	53248.1137	0.00012	0.04936	6.38039E-07	0.69918	5.80549E-05	0.00018
444101.3	3748132.62	54682.84152	0.00013	0.04938	6.38297E-07	0.70228	5.83123E-05	0.00019
444114.79	3748147.53	55493.49668	0.00013	0.04913	6.35066E-07	0.69891	5.80325E-05	0.00019
444129.7	3748161.72	55791.40165	0.00013	0.04886	6.31576E-07	0.68919	5.72254E-05	0.00019
444141.76	3748177.34	56143.06751	0.00013	0.04868	6.29249E-07	0.69140	5.74089E-05	0.00019
444158.09	3748180.89	53604.57044	0.00012	0.04781	6.18003E-07	0.64634	5.36674E-05	0.00018
444169.45	3748204.31	53955.3948	0.00013	0.04778	6.17615E-07	0.66279	5.50333E-05	0.00018
444190.03	3748217.09	51193.57599	0.00012	0.04693	6.06628E-07	0.62056	5.15269E-05	0.00017
444192.83	3748193.06	47932.94252	0.00011	0.04567	5.90341E-07	0.56103	4.65839E-05	0.00016
444195.33	3748122.7	43058.12322	0.00010	0.04337	5.60611E-07	0.45728	3.79693E-05	0.00014
444008.68	3747956.49	78592.84602	0.00018	0.04857	6.27827E-07	0.73655	6.11578E-05	0.00024
444019.33	3747969.98	68538.84135	0.00016	0.04825	6.23691E-07	0.68735	5.70726E-05	0.00022
444042.75	3747981.34	61689.34982	0.00014	0.04686	6.05723E-07	0.62239	5.16788E-05	0.00020
444051.27	3747995.53	57461.54894	0.00013	0.04703	6.07921E-07	0.60385	5.01394E-05	0.00018
444062.63	3748015.41	53553.33019	0.00012	0.04727	6.11023E-07	0.58942	4.89412E-05	0.00017
444081.79	3748030.32	51287.53793	0.00012	0.04684	6.05465E-07	0.56364	4.68006E-05	0.00017
444091.02	3748046.64	49913.43554	0.00012	0.04697	6.07145E-07	0.56260	4.67143E-05	0.00016
444103.8	3748062.26	49450.10141	0.00011	0.04704	6.08050E-07	0.55695	4.62451E-05	0.00016
444117.29	3748077.17	48751.92226	0.00011	0.04683	6.05335E-07	0.54949	4.56257E-05	0.00016
444132.19	3748091.36	48252.26339	0.00011	0.04649	6.00941E-07	0.53946	4.47929E-05	0.00016
444144.26	3748106.98	48058.04553	0.00011	0.04627	5.98097E-07	0.53738	4.46202E-05	0.00016
444160.59	3748110.53	46914.19664	0.00011	0.04551	5.88273E-07	0.51033	4.23741E-05	0.00015
444171.94	3748133.95	46733.64282	0.00011	0.04535	5.86205E-07	0.51908	4.31007E-05	0.00015
444192.53	3748146.73	44335.33455	0.00010	0.04414	5.70564E-07	0.48911	4.06122E-05	0.00014
444143.39	3748498.91	100439.4969	0.00023	0.07958	1.02867E-06	1.78604	1.48300E-04	0.00038
444154.04	3748512.39	94260.55054	0.00022	0.08069	1.04302E-06	1.77032	1.46995E-04	0.00037

444177.46	3748523.75	85128.12719	0.00020	0.08057	1.04147E-06	2.35043	1.95163E-04	0.00039
444185.98	3748537.95	81462.8925	0.00019	0.08212	1.06150E-06	2.19367	1.82147E-04	0.00037
444197.34	3748557.82	76442.30585	0.00018	0.08404	1.08632E-06	2.00311	1.66324E-04	0.00035
444216.5	3748572.73	70551.73313	0.00016	0.08440	1.09097E-06	2.34614	1.94807E-04	0.00036
444225.73	3748589.05	67402.52254	0.00016	0.08591	1.11049E-06	2.16016	1.79364E-04	0.00034
444238.51	3748604.67	63827.95814	0.00015	0.08684	1.12251E-06	2.18088	1.81085E-04	0.00033
444251.99	3748619.58	60450.23085	0.00014	0.08745	1.13040E-06	2.27065	1.88539E-04	0.00033
444266.9	3748633.77	57153.22271	0.00013	0.08767	1.13324E-06	2.49781	2.07400E-04	0.00034
444278.97	3748649.39	54413.11071	0.00013	0.08826	1.14087E-06	2.58347	2.14513E-04	0.00034
444295.29	3748652.94	52033.85733	0.00012	0.08682	1.12226E-06	3.88558	3.22631E-04	0.00044
444306.65	3748676.37	49266.33067	0.00011	0.08825	1.14074E-06	3.91234	3.24853E-04	0.00044
444237.65	3748593.44	64773.69547	0.00015	0.08536	1.10338E-06	2.62016	2.17559E-04	0.00037
444061.66	3748440.72	178053.1744	0.00041	0.07739	1.00036E-06	1.12922	9.37623E-05	0.00051
444085.08	3748452.08	145882.4123	0.00034	0.07700	9.95320E-07	1.35264	1.12314E-04	0.00045
444093.6	3748466.28	135859.9562	0.00032	0.07877	1.01820E-06	1.27491	1.05859E-04	0.00042
444104.96	3748486.15	123121.1694	0.00029	0.08098	1.04677E-06	1.17761	9.77803E-05	0.00039
444124.12	3748501.06	109913.2913	0.00026	0.08185	1.05801E-06	1.27848	1.06156E-04	0.00036
444133.35	3748517.39	103070.8433	0.00024	0.08374	1.08244E-06	1.20329	9.99126E-05	0.00034
444146.13	3748533	95111.41331	0.00022	0.08491	1.09757E-06	1.20446	1.00010E-04	0.00032
444159.61	3748547.91	88343.3147	0.00021	0.08601	1.11179E-06	1.22734	1.01910E-04	0.00031
444174.52	3748562.11	82243.38221	0.00019	0.08692	1.12355E-06	1.28830	1.06971E-04	0.00030
444186.59	3748577.72	77158.81066	0.00018	0.08808	1.13854E-06	1.28302	1.06533E-04	0.00029
444202.91	3748581.27	72935.35227	0.00017	0.08702	1.12484E-06	1.57796	1.31022E-04	0.00030
444214.27	3748604.7	68555.21195	0.00016	0.08947	1.15651E-06	1.41027	1.17099E-04	0.00028
444234.86	3748617.47	63546.25673	0.00015	0.08904	1.15095E-06	1.67838	1.39361E-04	0.00029
443957.64	3748095.6	61819.56698	0.00014	0.05735	7.41319E-07	1.42181	1.18057E-04	0.00026
CONCUNIT ug	/m^3	0	0.00000	0.00000	0.00000E+00	0.00000	0.00000E+00	0.00000
DEPUNIT g/m	^2	0	0.00000	0.00000	0.00000E+00	0.00000	0.00000E+00	0.00000

Trails of Corona

2023 **tier IV** **at Sensitive Receptors**

Construction Annual DPM Emissions (as PM10 Exhaust)

X (m)	Y (m)	Onsite Annual DPM Exhaust w/Unit Emissions (ug/m3)	Onsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Unit Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Unit Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Total DPM (ug/m3)
443543.62	3748016.2	3.52E+04	8.17E-05	7.48E-02	6.96E-07	4.16E-01	2.49E-05	1.07E-04
443581.38	3748016.2	3.66E+04	8.51E-05	7.29E-02	6.79E-07	5.28E-01	3.16E-05	1.17E-04
443619.14	3748016.2	3.86E+04	8.97E-05	7.10E-02	6.61E-07	6.99E-01	4.18E-05	1.32E-04
443656.9	3748016.2	4.09E+04	9.51E-05	6.92E-02	6.44E-07	9.88E-01	5.91E-05	1.55E-04
443694.66	3748016.2	4.38E+04	1.02E-04	6.81E-02	6.34E-07	1.56E+00	9.33E-05	1.96E-04
443732.42	3748016.2	4.57E+04	1.06E-04	6.55E-02	6.10E-07	3.42E+00	2.04E-04	3.11E-04
443543.62	3748046.66	3.69E+04	8.58E-05	7.87E-02	7.33E-07	3.62E-01	2.17E-05	1.08E-04
443581.38	3748046.66	3.86E+04	8.96E-05	7.66E-02	7.13E-07	4.47E-01	2.67E-05	1.17E-04
443619.14	3748046.66	4.06E+04	9.45E-05	7.45E-02	6.94E-07	5.69E-01	3.40E-05	1.29E-04
443656.9	3748046.66	4.33E+04	1.01E-04	7.29E-02	6.79E-07	7.58E-01	4.53E-05	1.47E-04
443694.66	3748046.66	4.68E+04	1.09E-04	7.20E-02	6.70E-07	1.08E+00	6.45E-05	1.74E-04
443732.42	3748046.66	4.88E+04	1.13E-04	6.93E-02	6.46E-07	1.85E+00	1.11E-04	2.25E-04
443543.62	3748077.12	3.94E+04	9.16E-05	8.34E-02	7.77E-07	3.19E-01	1.91E-05	1.11E-04
443581.38	3748077.12	4.13E+04	9.60E-05	8.11E-02	7.55E-07	3.85E-01	2.30E-05	1.20E-04
443619.14	3748077.12	4.38E+04	1.02E-04	7.89E-02	7.35E-07	4.76E-01	2.85E-05	1.31E-04
443656.9	3748077.12	4.62E+04	1.07E-04	7.63E-02	7.10E-07	6.10E-01	3.65E-05	1.44E-04
443694.66	3748077.12	4.99E+04	1.16E-04	7.51E-02	7.00E-07	8.22E-01	4.92E-05	1.66E-04
443732.42	3748077.12	5.22E+04	1.21E-04	7.23E-02	6.73E-07	1.24E+00	7.44E-05	1.96E-04
443543.62	3748107.58	4.27E+04	9.92E-05	8.89E-02	8.28E-07	2.84E-01	1.70E-05	1.17E-04
443581.38	3748107.58	4.48E+04	1.04E-04	8.60E-02	8.01E-07	3.37E-01	2.02E-05	1.25E-04
443619.14	3748107.58	4.68E+04	1.09E-04	8.23E-02	7.67E-07	4.08E-01	2.44E-05	1.34E-04
443656.9	3748107.58	4.95E+04	1.15E-04	7.94E-02	7.40E-07	5.07E-01	3.03E-05	1.46E-04
443694.66	3748107.58	5.40E+04	1.26E-04	7.83E-02	7.30E-07	6.55E-01	3.92E-05	1.66E-04
443732.42	3748107.58	5.72E+04	1.33E-04	7.53E-02	7.02E-07	9.13E-01	5.46E-05	1.88E-04
443543.62	3748138.04	4.64E+04	1.08E-04	9.42E-02	8.78E-07	2.56E-01	1.53E-05	1.24E-04
443581.38	3748138.04	4.83E+04	1.12E-04	9.01E-02	8.39E-07	3.00E-01	1.79E-05	1.31E-04
443619.14	3748138.04	5.07E+04	1.18E-04	8.60E-02	8.01E-07	3.55E-01	2.13E-05	1.40E-04
443656.9	3748138.04	5.43E+04	1.26E-04	8.31E-02	7.74E-07	4.31E-01	2.58E-05	1.53E-04
443694.66	3748138.04	5.99E+04	1.39E-04	8.18E-02	7.62E-07	5.39E-01	3.23E-05	1.72E-04
443732.42	3748138.04	6.45E+04	1.50E-04	7.87E-02	7.33E-07	7.10E-01	4.25E-05	1.93E-04
443543.62	3748168.5	5.05E+04	1.17E-04	9.94E-02	9.25E-07	2.33E-01	1.39E-05	1.32E-04
443581.38	3748168.5	5.30E+04	1.23E-04	9.49E-02	8.84E-07	2.69E-01	1.61E-05	1.40E-04
443619.14	3748168.5	5.60E+04	1.30E-04	9.03E-02	8.41E-07	3.14E-01	1.88E-05	1.50E-04
443656.9	3748168.5	6.10E+04	1.42E-04	8.75E-02	8.15E-07	3.73E-01	2.23E-05	1.65E-04
443694.66	3748168.5	6.82E+04	1.58E-04	8.58E-02	7.99E-07	4.55E-01	2.72E-05	1.86E-04
443732.42	3748168.5	7.47E+04	1.74E-04	8.22E-02	7.65E-07	5.76E-01	3.45E-05	2.09E-04
444172.99	3747085.77	2.94E+04	6.84E-05	2.21E-02	2.05E-07	5.54E-02	3.31E-06	7.20E-05
444272.99	3747085.77	2.54E+04	5.89E-05	2.20E-02	2.05E-07	5.31E-02	3.18E-06	6.23E-05
444372.99	3747085.77	2.18E+04	5.07E-05	2.20E-02	2.04E-07	5.02E-02	3.00E-06	5.39E-05
444472.99	3747085.77	1.89E+04	4.39E-05	2.15E-02	2.00E-07	4.68E-02	2.80E-06	4.69E-05

444572.99	3747085.77	1.65E+04	3.84E-05	2.07E-02	1.92E-07	4.36E-02	2.61E-06	4.12E-05
444672.99	3747085.77	1.48E+04	3.43E-05	1.98E-02	1.84E-07	4.15E-02	2.48E-06	3.70E-05
444772.99	3747085.77	1.33E+04	3.10E-05	1.87E-02	1.75E-07	3.96E-02	2.37E-06	3.35E-05
444872.99	3747085.77	1.22E+04	2.83E-05	1.77E-02	1.65E-07	3.78E-02	2.26E-06	3.07E-05
444972.99	3747085.77	1.11E+04	2.59E-05	1.68E-02	1.56E-07	3.60E-02	2.15E-06	2.82E-05
445072.99	3747085.77	1.03E+04	2.40E-05	1.60E-02	1.49E-07	3.42E-02	2.04E-06	2.62E-05
445172.99	3747085.77	9.61E+03	2.23E-05	1.53E-02	1.43E-07	3.26E-02	1.95E-06	2.44E-05
445272.99	3747085.77	9.03E+03	2.10E-05	1.49E-02	1.39E-07	3.12E-02	1.87E-06	2.30E-05
445372.99	3747085.77	8.48E+03	1.97E-05	1.45E-02	1.35E-07	2.99E-02	1.79E-06	2.16E-05
445472.99	3747085.77	7.97E+03	1.85E-05	1.42E-02	1.32E-07	2.85E-02	1.70E-06	2.04E-05
445572.99	3747085.77	7.52E+03	1.75E-05	1.39E-02	1.29E-07	2.71E-02	1.62E-06	1.92E-05
444172.99	3747185.77	4.71E+04	1.10E-04	2.37E-02	2.21E-07	6.53E-02	3.91E-06	1.14E-04
444272.99	3747185.77	3.61E+04	8.38E-05	2.37E-02	2.21E-07	6.18E-02	3.70E-06	8.78E-05
444372.99	3747185.77	2.88E+04	6.69E-05	2.34E-02	2.18E-07	5.77E-02	3.45E-06	7.06E-05
444472.99	3747185.77	2.35E+04	5.47E-05	2.26E-02	2.10E-07	5.31E-02	3.18E-06	5.81E-05
444572.99	3747185.77	1.99E+04	4.63E-05	2.15E-02	2.00E-07	4.95E-02	2.96E-06	4.95E-05
444672.99	3747185.77	1.73E+04	4.03E-05	2.03E-02	1.89E-07	4.68E-02	2.80E-06	4.33E-05
444772.99	3747185.77	1.53E+04	3.55E-05	1.91E-02	1.78E-07	4.44E-02	2.65E-06	3.83E-05
444872.99	3747185.77	1.37E+04	3.18E-05	1.80E-02	1.68E-07	4.21E-02	2.52E-06	3.45E-05
444972.99	3747185.77	1.24E+04	2.89E-05	1.71E-02	1.59E-07	3.98E-02	2.38E-06	3.14E-05
445072.99	3747185.77	1.13E+04	2.64E-05	1.64E-02	1.52E-07	3.74E-02	2.24E-06	2.88E-05
445172.99	3747185.77	1.04E+04	2.43E-05	1.58E-02	1.48E-07	3.54E-02	2.12E-06	2.66E-05
445272.99	3747185.77	9.72E+03	2.26E-05	1.55E-02	1.44E-07	3.38E-02	2.02E-06	2.48E-05
445372.99	3747185.77	9.04E+03	2.10E-05	1.51E-02	1.41E-07	3.20E-02	1.92E-06	2.31E-05
445472.99	3747185.77	8.44E+03	1.96E-05	1.47E-02	1.37E-07	3.03E-02	1.81E-06	2.16E-05
445572.99	3747185.77	7.91E+03	1.84E-05	1.44E-02	1.34E-07	2.87E-02	1.72E-06	2.02E-05
444172.99	3747285.77	7.69E+04	1.79E-04	2.56E-02	2.39E-07	7.91E-02	4.73E-06	1.84E-04
444272.99	3747285.77	5.21E+04	1.21E-04	2.54E-02	2.37E-07	7.29E-02	4.36E-06	1.26E-04
444372.99	3747285.77	3.83E+04	8.90E-05	2.47E-02	2.30E-07	6.72E-02	4.02E-06	9.33E-05
444472.99	3747285.77	2.99E+04	6.95E-05	2.36E-02	2.20E-07	6.19E-02	3.70E-06	7.35E-05
444572.99	3747285.77	2.44E+04	5.67E-05	2.23E-02	2.07E-07	5.74E-02	3.44E-06	6.04E-05
444672.99	3747285.77	2.05E+04	4.76E-05	2.08E-02	1.94E-07	5.36E-02	3.21E-06	5.10E-05
444772.99	3747285.77	1.76E+04	4.09E-05	1.95E-02	1.81E-07	5.03E-02	3.01E-06	4.41E-05
444872.99	3747285.77	1.55E+04	3.59E-05	1.84E-02	1.71E-07	4.71E-02	2.82E-06	3.89E-05
444972.99	3747285.77	1.37E+04	3.19E-05	1.75E-02	1.63E-07	4.38E-02	2.62E-06	3.47E-05
445072.99	3747285.77	1.24E+04	2.88E-05	1.69E-02	1.58E-07	4.10E-02	2.45E-06	3.14E-05
445172.99	3747285.77	1.13E+04	2.62E-05	1.65E-02	1.54E-07	3.86E-02	2.31E-06	2.87E-05
445272.99	3747285.77	1.04E+04	2.41E-05	1.61E-02	1.50E-07	3.64E-02	2.18E-06	2.64E-05
445372.99	3747285.77	9.60E+03	2.23E-05	1.57E-02	1.46E-07	3.43E-02	2.05E-06	2.45E-05
445472.99	3747285.77	8.93E+03	2.08E-05	1.53E-02	1.42E-07	3.23E-02	1.93E-06	2.28E-05
445572.99	3747285.77	8.35E+03	1.94E-05	1.48E-02	1.37E-07	3.04E-02	1.82E-06	2.14E-05
444172.99	3747385.77	1.14E+05	2.65E-04	2.78E-02	2.58E-07	1.00E-01	5.98E-06	2.72E-04
444272.99	3747385.77	7.15E+04	1.66E-04	2.72E-02	2.53E-07	8.98E-02	5.37E-06	1.72E-04
444372.99	3747385.77	5.00E+04	1.16E-04	2.61E-02	2.43E-07	8.13E-02	4.86E-06	1.21E-04
444472.99	3747385.77	3.76E+04	8.74E-05	2.46E-02	2.29E-07	7.40E-02	4.43E-06	9.21E-05
444572.99	3747385.77	2.99E+04	6.96E-05	2.31E-02	2.15E-07	6.82E-02	4.08E-06	7.39E-05
444672.99	3747385.77	2.38E+04	5.53E-05	2.12E-02	1.98E-07	6.18E-02	3.70E-06	5.92E-05
444772.99	3747385.77	1.99E+04	4.63E-05	1.99E-02	1.85E-07	5.71E-02	3.41E-06	4.99E-05
444872.99	3747385.77	1.71E+04	3.98E-05	1.89E-02	1.76E-07	5.25E-02	3.14E-06	4.31E-05
444972.99	3747385.77	1.50E+04	3.49E-05	1.82E-02	1.69E-07	4.84E-02	2.89E-06	3.80E-05
445072.99	3747385.77	1.34E+04	3.10E-05	1.77E-02	1.64E-07	4.48E-02	2.68E-06	3.39E-05

445172.99	3747385.77	1.21E+04	2.80E-05	1.72E-02	1.60E-07	4.19E-02	2.50E-06	3.07E-05
445272.99	3747385.77	1.10E+04	2.56E-05	1.67E-02	1.56E-07	3.92E-02	2.34E-06	2.81E-05
445372.99	3747385.77	1.02E+04	2.36E-05	1.62E-02	1.51E-07	3.67E-02	2.20E-06	2.60E-05
445472.99	3747385.77	9.43E+03	2.19E-05	1.57E-02	1.46E-07	3.44E-02	2.06E-06	2.41E-05
445572.99	3747385.77	8.80E+03	2.04E-05	1.51E-02	1.41E-07	3.22E-02	1.92E-06	2.25E-05
444172.99	3747485.77	1.52E+05	3.53E-04	3.00E-02	2.80E-07	1.34E-01	8.00E-06	3.61E-04
444272.99	3747485.77	8.94E+04	2.08E-04	2.88E-02	2.68E-07	1.14E-01	6.84E-06	2.15E-04
444372.99	3747485.77	6.14E+04	1.43E-04	2.73E-02	2.55E-07	1.02E-01	6.07E-06	1.49E-04
444472.99	3747485.77	4.46E+04	1.04E-04	2.54E-02	2.37E-07	8.98E-02	5.37E-06	1.09E-04
444572.99	3747485.77	3.36E+04	7.80E-05	2.34E-02	2.17E-07	7.94E-02	4.75E-06	8.30E-05
444672.99	3747485.77	2.65E+04	6.16E-05	2.17E-02	2.02E-07	7.12E-02	4.26E-06	6.60E-05
444772.99	3747485.77	2.19E+04	5.10E-05	2.05E-02	1.91E-07	6.48E-02	3.87E-06	5.51E-05
444872.99	3747485.77	1.86E+04	4.32E-05	1.97E-02	1.83E-07	5.87E-02	3.51E-06	4.69E-05
444972.99	3747485.77	1.61E+04	3.75E-05	1.90E-02	1.77E-07	5.35E-02	3.20E-06	4.09E-05
445072.99	3747485.77	1.42E+04	3.31E-05	1.85E-02	1.72E-07	4.92E-02	2.94E-06	3.62E-05
445172.99	3747485.77	1.28E+04	2.97E-05	1.79E-02	1.66E-07	4.55E-02	2.72E-06	3.26E-05
445272.99	3747485.77	1.16E+04	2.71E-05	1.73E-02	1.61E-07	4.22E-02	2.53E-06	2.97E-05
445372.99	3747485.77	1.07E+04	2.49E-05	1.67E-02	1.55E-07	3.92E-02	2.35E-06	2.74E-05
445472.99	3747485.77	9.96E+03	2.31E-05	1.61E-02	1.50E-07	3.66E-02	2.19E-06	2.55E-05
445572.99	3747485.77	9.33E+03	2.17E-05	1.57E-02	1.46E-07	3.42E-02	2.04E-06	2.39E-05
444172.99	3747585.77	1.82E+05	4.23E-04	3.23E-02	3.01E-07	1.87E-01	1.12E-05	4.34E-04
444272.99	3747585.77	1.01E+05	2.35E-04	3.03E-02	2.82E-07	1.51E-01	9.02E-06	2.44E-04
444372.99	3747585.77	6.79E+04	1.58E-04	2.83E-02	2.64E-07	1.28E-01	7.65E-06	1.66E-04
444472.99	3747585.77	4.82E+04	1.12E-04	2.60E-02	2.42E-07	1.09E-01	6.51E-06	1.19E-04
444572.99	3747585.77	3.57E+04	8.30E-05	2.38E-02	2.22E-07	9.31E-02	5.57E-06	8.88E-05
444672.99	3747585.77	2.84E+04	6.59E-05	2.24E-02	2.09E-07	8.25E-02	4.93E-06	7.11E-05
444772.99	3747585.77	2.34E+04	5.44E-05	2.14E-02	2.00E-07	7.37E-02	4.41E-06	5.90E-05
444872.99	3747585.77	1.97E+04	4.58E-05	2.06E-02	1.92E-07	6.58E-02	3.93E-06	5.00E-05
444972.99	3747585.77	1.70E+04	3.96E-05	1.99E-02	1.85E-07	5.92E-02	3.54E-06	4.33E-05
445072.99	3747585.77	1.51E+04	3.50E-05	1.92E-02	1.79E-07	5.41E-02	3.24E-06	3.84E-05
445172.99	3747585.77	1.35E+04	3.14E-05	1.85E-02	1.72E-07	4.95E-02	2.96E-06	3.45E-05
445272.99	3747585.77	1.23E+04	2.85E-05	1.78E-02	1.66E-07	4.56E-02	2.72E-06	3.14E-05
445372.99	3747585.77	1.13E+04	2.63E-05	1.73E-02	1.61E-07	4.21E-02	2.52E-06	2.90E-05
445472.99	3747585.77	1.05E+04	2.44E-05	1.69E-02	1.57E-07	3.89E-02	2.33E-06	2.69E-05
445572.99	3747585.77	9.89E+03	2.30E-05	1.67E-02	1.55E-07	3.64E-02	2.17E-06	2.53E-05
444172.99	3747685.77	1.59E+05	3.69E-04	3.47E-02	3.23E-07	2.63E-01	1.57E-05	3.85E-04
444272.99	3747685.77	9.65E+04	2.24E-04	3.19E-02	2.97E-07	1.99E-01	1.19E-05	2.37E-04
444372.99	3747685.77	6.57E+04	1.53E-04	2.93E-02	2.72E-07	1.60E-01	9.54E-06	1.63E-04
444472.99	3747685.77	4.71E+04	1.09E-04	2.66E-02	2.48E-07	1.30E-01	7.78E-06	1.17E-04
444572.99	3747685.77	3.58E+04	8.31E-05	2.47E-02	2.30E-07	1.09E-01	6.53E-06	8.99E-05
444672.99	3747685.77	2.87E+04	6.67E-05	2.35E-02	2.18E-07	9.48E-02	5.67E-06	7.26E-05
444772.99	3747685.77	2.38E+04	5.53E-05	2.25E-02	2.09E-07	8.30E-02	4.96E-06	6.05E-05
444872.99	3747685.77	2.03E+04	4.72E-05	2.16E-02	2.01E-07	7.34E-02	4.39E-06	5.18E-05
444972.99	3747685.77	1.77E+04	4.11E-05	2.08E-02	1.93E-07	6.55E-02	3.92E-06	4.52E-05
445072.99	3747685.77	1.57E+04	3.65E-05	2.00E-02	1.86E-07	5.93E-02	3.55E-06	4.02E-05
445172.99	3747685.77	1.41E+04	3.29E-05	1.93E-02	1.79E-07	5.39E-02	3.22E-06	3.63E-05
445272.99	3747685.77	1.29E+04	3.00E-05	1.87E-02	1.74E-07	4.90E-02	2.93E-06	3.31E-05
445372.99	3747685.77	1.19E+04	2.76E-05	1.83E-02	1.71E-07	4.49E-02	2.69E-06	3.05E-05
445472.99	3747685.77	1.10E+04	2.57E-05	1.81E-02	1.69E-07	4.14E-02	2.48E-06	2.83E-05
445572.99	3747685.77	1.03E+04	2.41E-05	1.80E-02	1.68E-07	3.85E-02	2.30E-06	2.65E-05
444172.99	3747785.77	1.17E+05	2.71E-04	3.67E-02	3.42E-07	3.47E-01	2.08E-05	2.92E-04

444272.99	3747785.77	7.80E+04	1.81E-04	3.33E-02	3.10E-07	2.50E-01	1.49E-05	1.97E-04
444372.99	3747785.77	5.76E+04	1.34E-04	3.06E-02	2.85E-07	1.94E-01	1.16E-05	1.46E-04
444472.99	3747785.77	4.27E+04	9.93E-05	2.78E-02	2.59E-07	1.53E-01	9.17E-06	1.09E-04
444572.99	3747785.77	3.37E+04	7.84E-05	2.60E-02	2.43E-07	1.27E-01	7.57E-06	8.62E-05
444672.99	3747785.77	2.77E+04	6.45E-05	2.47E-02	2.30E-07	1.08E-01	6.44E-06	7.11E-05
444772.99	3747785.77	2.37E+04	5.50E-05	2.37E-02	2.21E-07	9.31E-02	5.57E-06	6.08E-05
444872.99	3747785.77	2.05E+04	4.76E-05	2.27E-02	2.11E-07	8.13E-02	4.86E-06	5.27E-05
444972.99	3747785.77	1.80E+04	4.19E-05	2.17E-02	2.02E-07	7.20E-02	4.31E-06	4.64E-05
445072.99	3747785.77	1.61E+04	3.74E-05	2.10E-02	1.95E-07	6.43E-02	3.85E-06	4.15E-05
445172.99	3747785.77	1.46E+04	3.40E-05	2.05E-02	1.91E-07	5.80E-02	3.47E-06	3.77E-05
445272.99	3747785.77	1.34E+04	3.12E-05	2.02E-02	1.88E-07	5.24E-02	3.14E-06	3.45E-05
445372.99	3747785.77	1.24E+04	2.87E-05	2.00E-02	1.86E-07	4.77E-02	2.85E-06	3.18E-05
445472.99	3747785.77	1.15E+04	2.67E-05	1.99E-02	1.86E-07	4.39E-02	2.63E-06	2.95E-05
445572.99	3747785.77	1.07E+04	2.49E-05	1.98E-02	1.85E-07	4.07E-02	2.44E-06	2.76E-05
444172.99	3747885.77	8.14E+04	1.89E-04	3.86E-02	3.60E-07	3.99E-01	2.39E-05	2.14E-04
444272.99	3747885.77	5.93E+04	1.38E-04	3.50E-02	3.25E-07	2.87E-01	1.72E-05	1.55E-04
444372.99	3747885.77	4.64E+04	1.08E-04	3.21E-02	2.99E-07	2.21E-01	1.32E-05	1.21E-04
444472.99	3747885.77	3.70E+04	8.60E-05	2.96E-02	2.75E-07	1.75E-01	1.05E-05	9.67E-05
444572.99	3747885.77	3.03E+04	7.05E-05	2.75E-02	2.56E-07	1.42E-01	8.49E-06	7.93E-05
444672.99	3747885.77	2.61E+04	6.06E-05	2.62E-02	2.44E-07	1.20E-01	7.18E-06	6.81E-05
444772.99	3747885.77	2.29E+04	5.31E-05	2.50E-02	2.33E-07	1.03E-01	6.15E-06	5.95E-05
444872.99	3747885.77	2.02E+04	4.69E-05	2.40E-02	2.24E-07	8.91E-02	5.33E-06	5.25E-05
444972.99	3747885.77	1.80E+04	4.20E-05	2.33E-02	2.17E-07	7.82E-02	4.68E-06	4.68E-05
445072.99	3747885.77	1.63E+04	3.79E-05	2.28E-02	2.12E-07	6.91E-02	4.14E-06	4.23E-05
445172.99	3747885.77	1.50E+04	3.48E-05	2.25E-02	2.10E-07	6.18E-02	3.70E-06	3.87E-05
445272.99	3747885.77	1.38E+04	3.20E-05	2.24E-02	2.09E-07	5.57E-02	3.33E-06	3.55E-05
445372.99	3747885.77	1.27E+04	2.96E-05	2.22E-02	2.07E-07	5.07E-02	3.03E-06	3.28E-05
445472.99	3747885.77	1.18E+04	2.73E-05	2.19E-02	2.04E-07	4.64E-02	2.78E-06	3.03E-05
445572.99	3747885.77	1.09E+04	2.54E-05	2.16E-02	2.01E-07	4.29E-02	2.57E-06	2.82E-05
444172.99	3747985.77	5.59E+04	1.30E-04	4.20E-02	3.91E-07	4.11E-01	2.46E-05	1.55E-04
444272.99	3747985.77	4.46E+04	1.04E-04	3.70E-02	3.45E-07	3.08E-01	1.84E-05	1.22E-04
444372.99	3747985.77	3.66E+04	8.50E-05	3.35E-02	3.12E-07	2.39E-01	1.43E-05	9.96E-05
444472.99	3747985.77	3.12E+04	7.26E-05	3.11E-02	2.90E-07	1.90E-01	1.14E-05	8.42E-05
444572.99	3747985.77	2.74E+04	6.36E-05	2.94E-02	2.73E-07	1.57E-01	9.38E-06	7.32E-05
444672.99	3747985.77	2.43E+04	5.65E-05	2.80E-02	2.61E-07	1.32E-01	7.88E-06	6.46E-05
444772.99	3747985.77	2.18E+04	5.07E-05	2.70E-02	2.51E-07	1.12E-01	6.70E-06	5.76E-05
444872.99	3747985.77	1.97E+04	4.59E-05	2.63E-02	2.44E-07	9.68E-02	5.79E-06	5.19E-05
444972.99	3747985.77	1.79E+04	4.17E-05	2.57E-02	2.40E-07	8.42E-02	5.04E-06	4.70E-05
445072.99	3747985.77	1.64E+04	3.81E-05	2.54E-02	2.37E-07	7.40E-02	4.42E-06	4.28E-05
445172.99	3747985.77	1.50E+04	3.50E-05	2.51E-02	2.34E-07	6.55E-02	3.92E-06	3.91E-05
445272.99	3747985.77	1.39E+04	3.23E-05	2.48E-02	2.31E-07	5.90E-02	3.53E-06	3.61E-05
445372.99	3747985.77	1.28E+04	2.98E-05	2.43E-02	2.26E-07	5.35E-02	3.20E-06	3.33E-05
445472.99	3747985.77	1.19E+04	2.76E-05	2.37E-02	2.20E-07	4.90E-02	2.93E-06	3.07E-05
445572.99	3747985.77	1.10E+04	2.56E-05	2.29E-02	2.14E-07	4.51E-02	2.70E-06	2.85E-05
444172.99	3748085.77	4.50E+04	1.05E-04	4.40E-02	4.10E-07	4.61E-01	2.76E-05	1.33E-04
444272.99	3748085.77	3.70E+04	8.60E-05	3.89E-02	3.62E-07	3.37E-01	2.02E-05	1.07E-04
444372.99	3748085.77	3.19E+04	7.42E-05	3.57E-02	3.33E-07	2.61E-01	1.56E-05	9.02E-05
444472.99	3748085.77	2.83E+04	6.59E-05	3.36E-02	3.13E-07	2.09E-01	1.25E-05	7.87E-05
444572.99	3748085.77	2.55E+04	5.92E-05	3.20E-02	2.98E-07	1.72E-01	1.03E-05	6.98E-05
444672.99	3748085.77	2.31E+04	5.37E-05	3.09E-02	2.87E-07	1.44E-01	8.59E-06	6.26E-05
444772.99	3748085.77	2.11E+04	4.91E-05	3.01E-02	2.81E-07	1.22E-01	7.28E-06	5.67E-05

444872.99	3748085.77	1.94E+04	4.51E-05	2.96E-02	2.75E-07	1.04E-01	6.24E-06	5.16E-05
444972.99	3748085.77	1.77E+04	4.12E-05	2.90E-02	2.70E-07	9.00E-02	5.38E-06	4.69E-05
445072.99	3748085.77	1.63E+04	3.78E-05	2.84E-02	2.64E-07	7.85E-02	4.69E-06	4.28E-05
445172.99	3748085.77	1.50E+04	3.48E-05	2.76E-02	2.57E-07	6.95E-02	4.16E-06	3.92E-05
445272.99	3748085.77	1.38E+04	3.21E-05	2.68E-02	2.50E-07	6.23E-02	3.73E-06	3.61E-05
445372.99	3748085.77	1.28E+04	2.97E-05	2.59E-02	2.41E-07	5.64E-02	3.38E-06	3.33E-05
445472.99	3748085.77	1.18E+04	2.75E-05	2.49E-02	2.32E-07	5.15E-02	3.08E-06	3.08E-05
445572.99	3748085.77	1.10E+04	2.56E-05	2.38E-02	2.22E-07	4.73E-02	2.83E-06	2.86E-05
444172.99	3748185.77	5.09E+04	1.18E-04	4.68E-02	4.36E-07	6.06E-01	3.62E-05	1.55E-04
444272.99	3748185.77	3.90E+04	9.06E-05	4.24E-02	3.95E-07	4.08E-01	2.44E-05	1.15E-04
444372.99	3748185.77	3.25E+04	7.55E-05	3.95E-02	3.68E-07	3.02E-01	1.80E-05	9.39E-05
444472.99	3748185.77	2.84E+04	6.59E-05	3.76E-02	3.50E-07	2.36E-01	1.41E-05	8.04E-05
444572.99	3748185.77	2.54E+04	5.90E-05	3.63E-02	3.38E-07	1.92E-01	1.15E-05	7.08E-05
444672.99	3748185.77	2.29E+04	5.33E-05	3.52E-02	3.27E-07	1.57E-01	9.42E-06	6.31E-05
444772.99	3748185.77	2.09E+04	4.85E-05	3.42E-02	3.18E-07	1.31E-01	7.86E-06	5.67E-05
444872.99	3748185.77	1.92E+04	4.45E-05	3.33E-02	3.10E-07	1.12E-01	6.69E-06	5.15E-05
444972.99	3748185.77	1.75E+04	4.06E-05	3.22E-02	3.00E-07	9.57E-02	5.72E-06	4.67E-05
445072.99	3748185.77	1.60E+04	3.73E-05	3.09E-02	2.88E-07	8.32E-02	4.98E-06	4.25E-05
445172.99	3748185.77	1.47E+04	3.43E-05	2.96E-02	2.76E-07	7.36E-02	4.40E-06	3.89E-05
445272.99	3748185.77	1.36E+04	3.17E-05	2.83E-02	2.64E-07	6.58E-02	3.94E-06	3.59E-05
445372.99	3748185.77	1.26E+04	2.94E-05	2.70E-02	2.51E-07	5.94E-02	3.55E-06	3.32E-05
445472.99	3748185.77	1.17E+04	2.73E-05	2.57E-02	2.40E-07	5.40E-02	3.23E-06	3.08E-05
445572.99	3748185.77	1.10E+04	2.55E-05	2.45E-02	2.29E-07	4.95E-02	2.96E-06	2.87E-05
444172.99	3748285.77	6.72E+04	1.56E-04	5.24E-02	4.88E-07	9.89E-01	5.91E-05	2.16E-04
444272.99	3748285.77	4.77E+04	1.11E-04	4.86E-02	4.53E-07	5.63E-01	3.37E-05	1.45E-04
444372.99	3748285.77	3.75E+04	8.72E-05	4.60E-02	4.28E-07	3.84E-01	2.29E-05	1.11E-04
444472.99	3748285.77	3.11E+04	7.23E-05	4.38E-02	4.08E-07	2.83E-01	1.70E-05	8.97E-05
444572.99	3748285.77	2.68E+04	6.23E-05	4.20E-02	3.91E-07	2.21E-01	1.32E-05	7.59E-05
444672.99	3748285.77	2.36E+04	5.48E-05	4.03E-02	3.75E-07	1.76E-01	1.05E-05	6.57E-05
444772.99	3748285.77	2.11E+04	4.91E-05	3.86E-02	3.59E-07	1.44E-01	8.64E-06	5.81E-05
444872.99	3748285.77	1.90E+04	4.42E-05	3.67E-02	3.42E-07	1.20E-01	7.18E-06	5.17E-05
444972.99	3748285.77	1.72E+04	4.01E-05	3.48E-02	3.24E-07	1.02E-01	6.10E-06	4.65E-05
445072.99	3748285.77	1.58E+04	3.67E-05	3.29E-02	3.07E-07	8.84E-02	5.29E-06	4.23E-05
445172.99	3748285.77	1.45E+04	3.37E-05	3.11E-02	2.90E-07	7.78E-02	4.65E-06	3.87E-05
445272.99	3748285.77	1.34E+04	3.13E-05	2.95E-02	2.75E-07	6.93E-02	4.15E-06	3.57E-05
445372.99	3748285.77	1.25E+04	2.90E-05	2.80E-02	2.60E-07	6.24E-02	3.73E-06	3.30E-05
445472.99	3748285.77	1.16E+04	2.71E-05	2.66E-02	2.47E-07	5.67E-02	3.39E-06	3.07E-05
445572.99	3748285.77	1.09E+04	2.53E-05	2.53E-02	2.36E-07	5.18E-02	3.10E-06	2.87E-05
444172.99	3748385.77	8.90E+04	2.07E-04	6.25E-02	5.82E-07	2.71E+00	1.62E-04	3.69E-04
444272.99	3748385.77	5.84E+04	1.36E-04	5.79E-02	5.39E-07	9.34E-01	5.59E-05	1.92E-04
444372.99	3748385.77	4.34E+04	1.01E-04	5.42E-02	5.05E-07	5.32E-01	3.18E-05	1.33E-04
444472.99	3748385.77	3.45E+04	8.02E-05	5.11E-02	4.76E-07	3.60E-01	2.15E-05	1.02E-04
444572.99	3748385.77	2.85E+04	6.63E-05	4.80E-02	4.47E-07	2.61E-01	1.56E-05	8.24E-05
444672.99	3748385.77	2.44E+04	5.68E-05	4.51E-02	4.20E-07	2.00E-01	1.20E-05	6.92E-05
444772.99	3748385.77	2.15E+04	4.99E-05	4.24E-02	3.94E-07	1.59E-01	9.51E-06	5.98E-05
444872.99	3748385.77	1.91E+04	4.44E-05	3.96E-02	3.69E-07	1.30E-01	7.78E-06	5.25E-05
444972.99	3748385.77	1.71E+04	3.98E-05	3.69E-02	3.43E-07	1.09E-01	6.53E-06	4.67E-05
445072.99	3748385.77	1.57E+04	3.64E-05	3.46E-02	3.22E-07	9.41E-02	5.63E-06	4.23E-05
445172.99	3748385.77	1.44E+04	3.34E-05	3.25E-02	3.02E-07	8.23E-02	4.92E-06	3.86E-05
445272.99	3748385.77	1.33E+04	3.09E-05	3.06E-02	2.85E-07	7.30E-02	4.37E-06	3.55E-05
445372.99	3748385.77	1.24E+04	2.87E-05	2.90E-02	2.70E-07	6.55E-02	3.92E-06	3.29E-05

445472.99	3748385.77	1.16E+04	2.69E-05	2.75E-02	2.56E-07	5.91E-02	3.53E-06	3.07E-05
445572.99	3748385.77	1.08E+04	2.52E-05	2.61E-02	2.43E-07	5.37E-02	3.21E-06	2.86E-05
444172.99	3748485.77	8.97E+04	2.08E-04	7.52E-02	7.01E-07	5.06E+00	3.03E-04	5.12E-04
444272.99	3748485.77	6.21E+04	1.44E-04	6.87E-02	6.40E-07	2.14E+00	1.28E-04	2.73E-04
444372.99	3748485.77	4.66E+04	1.08E-04	6.35E-02	5.91E-07	8.34E-01	4.99E-05	1.59E-04
444472.99	3748485.77	3.65E+04	8.49E-05	5.84E-02	5.44E-07	4.82E-01	2.88E-05	1.14E-04
444572.99	3748485.77	2.98E+04	6.93E-05	5.37E-02	5.00E-07	3.20E-01	1.92E-05	8.90E-05
444672.99	3748485.77	2.51E+04	5.84E-05	4.94E-02	4.60E-07	2.31E-01	1.38E-05	7.27E-05
444772.99	3748485.77	2.17E+04	5.05E-05	4.54E-02	4.23E-07	1.77E-01	1.06E-05	6.15E-05
444872.99	3748485.77	1.92E+04	4.47E-05	4.21E-02	3.92E-07	1.42E-01	8.49E-06	5.35E-05
444972.99	3748485.77	1.72E+04	3.99E-05	3.90E-02	3.63E-07	1.18E-01	7.05E-06	4.74E-05
445072.99	3748485.77	1.55E+04	3.61E-05	3.62E-02	3.37E-07	1.00E-01	6.00E-06	4.24E-05
445172.99	3748485.77	1.42E+04	3.31E-05	3.39E-02	3.16E-07	8.71E-02	5.21E-06	3.86E-05
445272.99	3748485.77	1.31E+04	3.05E-05	3.19E-02	2.97E-07	7.65E-02	4.58E-06	3.54E-05
445372.99	3748485.77	1.22E+04	2.84E-05	3.02E-02	2.81E-07	6.80E-02	4.07E-06	3.28E-05
445472.99	3748485.77	1.14E+04	2.65E-05	2.86E-02	2.66E-07	6.09E-02	3.64E-06	3.04E-05
445572.99	3748485.77	1.07E+04	2.48E-05	2.71E-02	2.53E-07	5.49E-02	3.29E-06	2.84E-05
443047.86	3748855.7	2.10E+05	4.88E-04	1.17E+00	1.09E-05	3.90E-02	2.33E-06	5.01E-04
443030.11	3748868.74	2.03E+05	4.71E-04	9.90E-01	9.22E-06	3.80E-02	2.27E-06	4.82E-04
443016.91	3748884.58	2.20E+05	5.12E-04	8.80E-01	8.20E-06	3.71E-02	2.22E-06	5.22E-04
442999.31	3748898.66	2.11E+05	4.90E-04	7.62E-01	7.10E-06	3.61E-02	2.16E-06	5.00E-04
442983.47	3748918.02	2.20E+05	5.12E-04	6.70E-01	6.24E-06	3.51E-02	2.10E-06	5.21E-04
442962.35	3748934.74	2.02E+05	4.70E-04	5.75E-01	5.35E-06	3.41E-02	2.04E-06	4.77E-04
442947.39	3748948.82	1.93E+05	4.48E-04	5.17E-01	4.82E-06	3.34E-02	2.00E-06	4.55E-04
442935.07	3748963.78	1.92E+05	4.47E-04	4.73E-01	4.41E-06	3.27E-02	1.96E-06	4.53E-04
442916.59	3748985.78	1.94E+05	4.52E-04	4.15E-01	3.86E-06	3.17E-02	1.90E-06	4.58E-04
442898.98	3749001.62	1.77E+05	4.12E-04	3.70E-01	3.44E-06	3.09E-02	1.85E-06	4.17E-04
442881.38	3749017.46	1.55E+05	3.61E-04	3.32E-01	3.09E-06	3.03E-02	1.81E-06	3.66E-04
442868.18	3749033.31	1.42E+05	3.30E-04	3.05E-01	2.84E-06	2.97E-02	1.77E-06	3.35E-04
442854.1	3749046.51	1.20E+05	2.79E-04	2.81E-01	2.62E-06	2.92E-02	1.74E-06	2.84E-04
442832.98	3749062.35	8.65E+04	2.01E-04	2.51E-01	2.34E-06	2.85E-02	1.70E-06	2.05E-04
442816.26	3749081.71	6.54E+04	1.52E-04	2.28E-01	2.12E-06	2.78E-02	1.66E-06	1.56E-04
442801.3	3749094.91	5.17E+04	1.20E-04	2.11E-01	1.97E-06	2.73E-02	1.64E-06	1.24E-04
442780.18	3749111.63	3.93E+04	9.14E-05	1.91E-01	1.78E-06	2.67E-02	1.60E-06	9.48E-05
442764.34	3749127.47	3.27E+04	7.60E-05	1.77E-01	1.65E-06	2.62E-02	1.57E-06	7.92E-05
442750.26	3749130.11	2.97E+04	6.90E-05	1.69E-01	1.57E-06	2.60E-02	1.55E-06	7.21E-05
442722.1	3749138.03	2.48E+04	5.76E-05	1.54E-01	1.43E-06	2.55E-02	1.52E-06	6.05E-05
442705.38	3749146.83	2.24E+04	5.21E-05	1.45E-01	1.35E-06	2.51E-02	1.50E-06	5.49E-05
442678.1	3749144.19	2.02E+04	4.70E-05	1.35E-01	1.26E-06	2.48E-02	1.48E-06	4.98E-05
442659.62	3749147.71	1.88E+04	4.37E-05	1.28E-01	1.19E-06	2.45E-02	1.46E-06	4.63E-05
442638.49	3749145.07	1.76E+04	4.09E-05	1.22E-01	1.13E-06	2.42E-02	1.45E-06	4.35E-05
442662.26	3749101.07	2.08E+04	4.83E-05	1.37E-01	1.27E-06	2.52E-02	1.51E-06	5.11E-05
442694.82	3749095.79	2.41E+04	5.60E-05	1.51E-01	1.40E-06	2.58E-02	1.54E-06	5.89E-05
442709.78	3749094.03	2.60E+04	6.04E-05	1.58E-01	1.47E-06	2.60E-02	1.56E-06	6.34E-05
442730.02	3749086.99	2.94E+04	6.84E-05	1.70E-01	1.58E-06	2.65E-02	1.58E-06	7.16E-05
442752.02	3749068.51	3.50E+04	8.13E-05	1.87E-01	1.74E-06	2.72E-02	1.62E-06	8.47E-05
442796.9	3749035.95	5.10E+04	1.19E-04	2.29E-01	2.13E-06	2.85E-02	1.71E-06	1.22E-04
442817.14	3749007.78	5.80E+04	1.35E-04	2.57E-01	2.39E-06	2.95E-02	1.76E-06	1.39E-04
442845.3	3748987.54	7.17E+04	1.67E-04	2.96E-01	2.75E-06	3.04E-02	1.82E-06	1.71E-04
442865.54	3748973.46	8.30E+04	1.93E-04	3.29E-01	3.06E-06	3.11E-02	1.86E-06	1.98E-04
442840.9	3748956.74	6.05E+04	1.41E-04	2.97E-01	2.77E-06	3.11E-02	1.86E-06	1.45E-04

442888.42	3748944.42	8.67E+04	2.02E-04	3.76E-01	3.51E-06	3.23E-02	1.93E-06	2.07E-04
442871.7	3748932.1	6.94E+04	1.61E-04	3.48E-01	3.24E-06	3.23E-02	1.93E-06	1.66E-04
442872.58	3748910.98	6.33E+04	1.47E-04	3.52E-01	3.28E-06	3.28E-02	1.96E-06	1.52E-04
442880.5	3748896.9	6.29E+04	1.46E-04	3.67E-01	3.42E-06	3.34E-02	2.00E-06	1.52E-04
442906.02	3748895.14	7.53E+04	1.75E-04	4.20E-01	3.91E-06	3.40E-02	2.03E-06	1.81E-04
442925.39	3748905.7	9.35E+04	2.17E-04	4.68E-01	4.36E-06	3.42E-02	2.05E-06	2.24E-04
442928.03	3748871.38	7.65E+04	1.78E-04	4.75E-01	4.42E-06	3.52E-02	2.11E-06	1.84E-04
442942.99	3748881.94	9.23E+04	2.15E-04	5.21E-01	4.86E-06	3.53E-02	2.11E-06	2.22E-04
442959.71	3748871.38	9.82E+04	2.28E-04	5.80E-01	5.40E-06	3.60E-02	2.15E-06	2.36E-04
442923.63	3748842.34	6.29E+04	1.46E-04	4.55E-01	4.23E-06	3.59E-02	2.15E-06	1.53E-04
442937.71	3748821.22	6.07E+04	1.41E-04	4.82E-01	4.49E-06	3.69E-02	2.21E-06	1.48E-04
442971.15	3748822.98	7.49E+04	1.74E-04	6.03E-01	5.62E-06	3.78E-02	2.26E-06	1.82E-04
442986.11	3748841.46	9.58E+04	2.23E-04	6.88E-01	6.41E-06	3.76E-02	2.25E-06	2.31E-04
442985.23	3748812.42	7.59E+04	1.76E-04	6.55E-01	6.10E-06	3.86E-02	2.31E-06	1.85E-04
443001.95	3748822.1	9.04E+04	2.10E-04	7.56E-01	7.04E-06	3.88E-02	2.32E-06	2.19E-04
443063.55	3748836.18	1.86E+05	4.31E-04	1.37E+00	1.27E-05	4.02E-02	2.40E-06	4.47E-04
443064.43	3748815.06	1.39E+05	3.22E-04	1.35E+00	1.26E-05	4.10E-02	2.45E-06	3.37E-04
443051.23	3748791.3	9.97E+04	2.32E-04	1.11E+00	1.03E-05	4.12E-02	2.47E-06	2.45E-04
443003.71	3748799.22	7.66E+04	1.78E-04	7.31E-01	6.81E-06	3.96E-02	2.37E-06	1.87E-04
442974.67	3748795.7	6.40E+04	1.49E-04	5.85E-01	5.45E-06	3.88E-02	2.32E-06	1.56E-04
443038.91	3748779.86	8.37E+04	1.95E-04	9.46E-01	8.81E-06	4.13E-02	2.47E-06	2.06E-04
443027.47	3748759.61	6.80E+04	1.58E-04	7.86E-01	7.32E-06	4.17E-02	2.49E-06	1.68E-04
443023.95	3748743.77	6.15E+04	1.43E-04	7.14E-01	6.65E-06	4.21E-02	2.52E-06	1.52E-04
443008.99	3748724.41	5.28E+04	1.23E-04	5.87E-01	5.46E-06	4.22E-02	2.53E-06	1.31E-04
443008.99	3748702.41	4.88E+04	1.13E-04	5.38E-01	5.01E-06	4.29E-02	2.57E-06	1.21E-04
443097.87	3748795.7	1.45E+05	3.36E-04	1.95E+00	1.82E-05	4.27E-02	2.56E-06	3.57E-04
443090.83	3748778.98	1.13E+05	2.62E-04	1.65E+00	1.53E-05	4.30E-02	2.57E-06	2.79E-04
443071.47	3748764.01	8.97E+04	2.09E-04	1.22E+00	1.14E-05	4.28E-02	2.56E-06	2.23E-04
443064.43	3748742.01	7.51E+04	1.75E-04	1.01E+00	9.42E-06	4.33E-02	2.59E-06	1.87E-04
443051.23	3748723.53	6.49E+04	1.51E-04	8.22E-01	7.65E-06	4.34E-02	2.59E-06	1.61E-04
443042.43	3748707.69	5.81E+04	1.35E-04	7.07E-01	6.59E-06	4.37E-02	2.61E-06	1.44E-04
443042.43	3748691.85	5.46E+04	1.27E-04	6.53E-01	6.08E-06	4.42E-02	2.64E-06	1.36E-04
443141.87	3748742.01	9.25E+04	2.15E-04	2.29E+00	2.14E-05	4.66E-02	2.79E-06	2.39E-04
443121.63	3748726.17	7.98E+04	1.86E-04	1.53E+00	1.43E-05	4.63E-02	2.77E-06	2.03E-04
443107.55	3748705.05	6.92E+04	1.61E-04	1.12E+00	1.04E-05	4.65E-02	2.78E-06	1.74E-04
443088.19	3748676.01	5.88E+04	1.37E-04	7.89E-01	7.35E-06	4.66E-02	2.79E-06	1.47E-04
443145.39	3748708.57	7.63E+04	1.77E-04	1.53E+00	1.43E-05	4.82E-02	2.88E-06	1.95E-04
443176.19	3748679.53	7.29E+04	1.70E-04	1.24E+00	1.15E-05	5.11E-02	3.06E-06	1.84E-04
443103.15	3748670.73	5.98E+04	1.39E-04	8.25E-01	7.68E-06	4.76E-02	2.84E-06	1.50E-04
443230.76	3748790.42	1.31E+05	3.04E-04	1.86E+01	1.73E-04	4.93E-02	2.95E-06	4.80E-04
443242.2	3748767.54	1.15E+05	2.67E-04	6.60E+00	6.15E-05	5.11E-02	3.06E-06	3.31E-04
443255.4	3748742.89	1.07E+05	2.48E-04	3.31E+00	3.09E-05	5.30E-02	3.17E-06	2.82E-04
443265.08	3748712.97	1.01E+05	2.35E-04	1.92E+00	1.79E-05	5.51E-02	3.30E-06	2.56E-04
443278.28	3748687.45	1.03E+05	2.40E-04	1.35E+00	1.25E-05	5.72E-02	3.42E-06	2.56E-04
443297.64	3748659.29	1.15E+05	2.68E-04	9.57E-01	8.91E-06	6.03E-02	3.61E-06	2.81E-04
443306.44	3748793.94	1.77E+05	4.11E-04	5.90E+00	5.49E-05	5.28E-02	3.16E-06	4.69E-04
443339.88	3748786.02	2.19E+05	5.09E-04	3.56E+00	3.32E-05	5.54E-02	3.31E-06	5.45E-04
443371.56	3748768.42	2.54E+05	5.91E-04	2.14E+00	1.99E-05	5.89E-02	3.52E-06	6.15E-04
443392.68	3748756.97	2.83E+05	6.58E-04	1.63E+00	1.51E-05	6.13E-02	3.66E-06	6.77E-04
443418.2	3748739.37	3.05E+05	7.10E-04	1.18E+00	1.10E-05	6.46E-02	3.87E-06	7.25E-04
443444.6	3748724.41	3.31E+05	7.70E-04	9.19E-01	8.56E-06	6.80E-02	4.07E-06	7.83E-04

443471.89	3748711.21	3.53E+05	8.20E-04	7.31E-01	6.81E-06	7.21E-02	4.31E-06	8.31E-04
443496.53	3748694.49	3.50E+05	8.14E-04	5.90E-01	5.50E-06	7.64E-02	4.57E-06	8.24E-04
443525.57	3748681.29	3.73E+05	8.67E-04	4.93E-01	4.59E-06	8.11E-02	4.85E-06	8.77E-04
443548.45	3748668.09	3.59E+05	8.34E-04	4.20E-01	3.91E-06	8.58E-02	5.13E-06	8.43E-04
443583.65	3748651.37	4.00E+05	9.31E-04	3.45E-01	3.22E-06	9.33E-02	5.58E-06	9.40E-04
443383	3748960.26	1.34E+05	3.10E-04	5.96E+00	5.55E-05	4.94E-02	2.95E-06	3.69E-04
443380.36	3748936.5	1.62E+05	3.77E-04	5.89E+00	5.49E-05	5.04E-02	3.02E-06	4.35E-04
443370.68	3748910.1	2.41E+05	5.59E-04	6.18E+00	5.76E-05	5.13E-02	3.07E-06	6.20E-04
443386.52	3748896.02	3.22E+05	7.49E-04	4.84E+00	4.50E-05	5.30E-02	3.17E-06	7.98E-04
443423.48	3748874.9	3.63E+05	8.44E-04	2.98E+00	2.77E-05	5.67E-02	3.39E-06	8.76E-04
443448.13	3748859.94	3.61E+05	8.40E-04	2.22E+00	2.07E-05	5.94E-02	3.56E-06	8.64E-04
443465.73	3748849.38	3.55E+05	8.25E-04	1.82E+00	1.70E-05	6.15E-02	3.68E-06	8.46E-04
443497.41	3748829.14	3.47E+05	8.08E-04	1.30E+00	1.21E-05	6.58E-02	3.94E-06	8.24E-04
443513.25	3748820.34	3.41E+05	7.92E-04	1.12E+00	1.04E-05	6.80E-02	4.07E-06	8.06E-04
443539.65	3748809.78	3.31E+05	7.70E-04	9.14E-01	8.52E-06	7.15E-02	4.28E-06	7.83E-04
443559.89	3748803.62	3.24E+05	7.53E-04	8.02E-01	7.47E-06	7.42E-02	4.44E-06	7.65E-04
443581.89	3748796.58	3.22E+05	7.49E-04	6.98E-01	6.50E-06	7.73E-02	4.63E-06	7.60E-04
443602.13	3748793.06	3.09E+05	7.19E-04	6.25E-01	5.82E-06	8.02E-02	4.80E-06	7.30E-04
443624.13	3748791.3	2.91E+05	6.78E-04	5.64E-01	5.25E-06	8.34E-02	4.99E-06	6.88E-04
443642.61	3748786.9	2.98E+05	6.93E-04	5.16E-01	4.80E-06	8.64E-02	5.17E-06	7.03E-04
443661.09	3748783.38	2.97E+05	6.90E-04	4.74E-01	4.42E-06	8.96E-02	5.36E-06	7.00E-04
443683.97	3748786.02	2.60E+05	6.05E-04	4.39E-01	4.09E-06	9.31E-02	5.57E-06	6.14E-04
443535.25	3748597.69	4.06E+05	9.43E-04	3.07E-01	2.86E-06	9.33E-02	5.58E-06	9.51E-04
443511.49	3748617.05	3.78E+05	8.79E-04	3.62E-01	3.37E-06	8.70E-02	5.21E-06	8.88E-04
443491.25	3748637.29	3.53E+05	8.21E-04	4.27E-01	3.98E-06	8.19E-02	4.90E-06	8.30E-04
443468.37	3748647.85	3.75E+05	8.72E-04	4.94E-01	4.60E-06	7.78E-02	4.65E-06	8.81E-04
443441.08	3748674.25	2.98E+05	6.94E-04	6.31E-01	5.88E-06	7.25E-02	4.34E-06	7.04E-04
443414.68	3748689.21	2.65E+05	6.17E-04	7.86E-01	7.32E-06	6.85E-02	4.10E-06	6.28E-04
443389.16	3748705.93	2.12E+05	4.93E-04	1.01E+00	9.42E-06	6.47E-02	3.87E-06	5.07E-04
443307.32	3748632.01	1.22E+05	2.84E-04	7.39E-01	6.88E-06	6.29E-02	3.76E-06	2.95E-04
443322.28	3748600.33	1.27E+05	2.96E-04	5.73E-01	5.34E-06	6.66E-02	3.98E-06	3.05E-04
443336.36	3748572.17	1.30E+05	3.02E-04	4.65E-01	4.33E-06	7.03E-02	4.21E-06	3.10E-04
443355.72	3748617.05	2.14E+05	4.97E-04	6.04E-01	5.62E-06	6.80E-02	4.07E-06	5.06E-04
443377.72	3748583.61	2.45E+05	5.69E-04	4.71E-01	4.38E-06	7.29E-02	4.36E-06	5.77E-04
443387.4	3748555.45	2.25E+05	5.22E-04	4.02E-01	3.74E-06	7.67E-02	4.59E-06	5.30E-04
443399.72	3748531.69	2.45E+05	5.69E-04	3.53E-01	3.29E-06	8.04E-02	4.81E-06	5.77E-04
443409.4	3748510.57	2.74E+05	6.37E-04	3.16E-01	2.94E-06	8.38E-02	5.01E-06	6.45E-04
443339.88	3748550.17	1.23E+05	2.87E-04	4.09E-01	3.81E-06	7.25E-02	4.34E-06	2.95E-04
443358.36	3748517.61	1.26E+05	2.94E-04	3.34E-01	3.11E-06	7.78E-02	4.66E-06	3.02E-04
443360.12	3748489.44	1.20E+05	2.79E-04	2.97E-01	2.77E-06	8.07E-02	4.83E-06	2.87E-04
443372.44	3748464.8	1.27E+05	2.95E-04	2.71E-01	2.53E-06	8.45E-02	5.06E-06	3.02E-04
443394.44	3748441.04	1.28E+05	2.97E-04	2.40E-01	2.23E-06	9.10E-02	5.45E-06	3.05E-04
443497.41	3748439.28	3.53E+05	8.21E-04	2.14E-01	1.99E-06	1.09E-01	6.53E-06	8.30E-04
443522.05	3748422.56	2.64E+05	6.15E-04	1.94E-01	1.80E-06	1.19E-01	7.12E-06	6.24E-04
443541.41	3748404.08	2.19E+05	5.08E-04	1.76E-01	1.64E-06	1.29E-01	7.72E-06	5.18E-04
443557.25	3748392.64	2.00E+05	4.64E-04	1.64E-01	1.53E-06	1.37E-01	8.22E-06	4.74E-04
443580.13	3748376.8	1.94E+05	4.52E-04	1.53E-01	1.42E-06	1.50E-01	8.97E-06	4.62E-04
443602.13	3748365.36	1.97E+05	4.58E-04	1.43E-01	1.34E-06	1.63E-01	9.73E-06	4.69E-04
443623.25	3748346	1.88E+05	4.37E-04	1.34E-01	1.25E-06	1.80E-01	1.08E-05	4.49E-04
443653.17	3748335.44	2.16E+05	5.03E-04	1.26E-01	1.18E-06	2.01E-01	1.20E-05	5.16E-04
443671.65	3748321.36	2.12E+05	4.94E-04	1.19E-01	1.11E-06	2.22E-01	1.33E-05	5.08E-04

443508.85	3748368.88	1.29E+05	3.00E-04	1.67E-01	1.56E-06	1.29E-01	7.71E-06	3.09E-04
443479.81	3748380.32	1.28E+05	2.98E-04	1.80E-01	1.68E-06	1.18E-01	7.07E-06	3.07E-04
443526.45	3748355.68	1.24E+05	2.87E-04	1.57E-01	1.46E-06	1.38E-01	8.25E-06	2.97E-04
443548.45	3748339.84	1.20E+05	2.78E-04	1.47E-01	1.36E-06	1.51E-01	9.01E-06	2.89E-04
443571.33	3748324	1.19E+05	2.77E-04	1.38E-01	1.28E-06	1.65E-01	9.89E-06	2.88E-04
443590.69	3748310.8	1.18E+05	2.73E-04	1.31E-01	1.22E-06	1.80E-01	1.08E-05	2.85E-04
443612.69	3748296.72	1.14E+05	2.66E-04	1.22E-01	1.14E-06	2.00E-01	1.20E-05	2.79E-04
443636.45	3748282.64	1.15E+05	2.66E-04	1.15E-01	1.07E-06	2.24E-01	1.34E-05	2.81E-04
443654.93	3748265.92	1.08E+05	2.52E-04	1.08E-01	1.01E-06	2.53E-01	1.51E-05	2.68E-04
443672.53	3748246.56	1.01E+05	2.34E-04	1.02E-01	9.46E-07	2.90E-01	1.73E-05	2.53E-04
443689.25	3748231.6	9.56E+04	2.22E-04	9.61E-02	8.95E-07	3.30E-01	1.98E-05	2.43E-04
443706.85	3748215.75	9.12E+04	2.12E-04	9.11E-02	8.49E-07	3.85E-01	2.30E-05	2.36E-04
443691.02	3748297.6	1.81E+05	4.21E-04	1.10E-01	1.03E-06	2.57E-01	1.54E-05	4.37E-04
443707.74	3748282.64	1.63E+05	3.79E-04	1.03E-01	9.61E-07	2.91E-01	1.74E-05	3.97E-04
443725.34	3748266.8	1.47E+05	3.41E-04	9.57E-02	8.91E-07	3.36E-01	2.01E-05	3.62E-04
443741.18	3748257.12	1.43E+05	3.33E-04	9.08E-02	8.46E-07	3.76E-01	2.25E-05	3.57E-04
443759.66	3748243.03	1.44E+05	3.34E-04	8.76E-02	8.16E-07	4.45E-01	2.66E-05	3.62E-04
443773.74	3748221.03	1.24E+05	2.89E-04	8.26E-02	7.69E-07	5.45E-01	3.26E-05	3.22E-04
443794.86	3748203.43	1.20E+05	2.78E-04	7.86E-02	7.32E-07	7.18E-01	4.30E-05	3.22E-04
443813.34	3748185.83	1.14E+05	2.65E-04	7.57E-02	7.05E-07	1.01E+00	6.02E-05	3.26E-04
443824.78	3748163.83	9.79E+04	2.28E-04	7.27E-02	6.77E-07	1.51E+00	9.05E-05	3.19E-04
443842.38	3748150.63	9.39E+04	2.18E-04	7.05E-02	6.56E-07	2.69E+00	1.61E-04	3.80E-04
443794.86	3748123.35	6.69E+04	1.55E-04	7.12E-02	6.63E-07	1.68E+00	1.01E-04	2.57E-04
443808.06	3748106.63	6.37E+04	1.48E-04	6.93E-02	6.45E-07	3.08E+00	1.84E-04	3.33E-04
443773.74	3748145.35	7.16E+04	1.66E-04	7.49E-02	6.98E-07	9.74E-01	5.83E-05	2.25E-04
443762.3	3748169.11	8.03E+04	1.87E-04	7.86E-02	7.32E-07	7.15E-01	4.28E-05	2.30E-04
443749.1	3748183.19	8.44E+04	1.96E-04	8.16E-02	7.60E-07	5.88E-01	3.51E-05	2.32E-04
443724.46	3748197.27	8.59E+04	2.00E-04	8.64E-02	8.05E-07	4.63E-01	2.77E-05	2.28E-04
443669.01	3748506.17	4.56E+05	1.06E-03	1.68E-01	1.56E-06	1.41E-01	8.45E-06	1.07E-03
443691.02	3748531.69	4.21E+05	9.80E-04	1.68E-01	1.57E-06	1.42E-01	8.48E-06	9.90E-04
443709.5	3748544.89	4.09E+05	9.50E-04	1.68E-01	1.56E-06	1.44E-01	8.62E-06	9.60E-04
443731.5	3748574.81	4.88E+05	1.14E-03	1.79E-01	1.66E-06	1.42E-01	8.50E-06	1.15E-03
443760.54	3748588.01	4.92E+05	1.14E-03	1.78E-01	1.65E-06	1.48E-01	8.84E-06	1.15E-03
443782.54	3748564.25	3.68E+05	8.57E-04	1.57E-01	1.46E-06	1.64E-01	9.83E-06	8.68E-04
443807.18	3748539.61	3.19E+05	7.42E-04	1.40E-01	1.31E-06	1.85E-01	1.11E-05	7.55E-04
443826.54	3748515.85	2.96E+05	6.88E-04	1.28E-01	1.19E-06	2.08E-01	1.24E-05	7.01E-04
443852.94	3748491.21	2.92E+05	6.78E-04	1.16E-01	1.08E-06	2.42E-01	1.45E-05	6.93E-04
443863.5	3748470.09	2.77E+05	6.44E-04	1.09E-01	1.01E-06	2.69E-01	1.61E-05	6.62E-04
443881.98	3748439.28	2.63E+05	6.11E-04	9.93E-02	9.25E-07	3.24E-01	1.94E-05	6.31E-04
443881.1	3748410.24	2.42E+05	5.62E-04	9.41E-02	8.77E-07	3.65E-01	2.18E-05	5.85E-04
443899.59	3748423.44	2.67E+05	6.19E-04	9.39E-02	8.75E-07	3.75E-01	2.24E-05	6.43E-04
443891.66	3748384.72	2.35E+05	5.47E-04	8.86E-02	8.25E-07	4.35E-01	2.61E-05	5.74E-04
443911.07	3748370.97	2.35E+05	5.46E-04	8.42E-02	7.84E-07	5.28E-01	3.16E-05	5.78E-04
443929.51	3748345.54	2.35E+05	5.47E-04	7.92E-02	7.37E-07	7.17E-01	4.29E-05	5.91E-04
443939.05	3748329.01	2.32E+05	5.39E-04	7.63E-02	7.10E-07	9.04E-01	5.41E-05	5.94E-04
443954.95	3748309.93	2.25E+05	5.22E-04	7.27E-02	6.77E-07	1.35E+00	8.06E-05	6.03E-04
443975.29	3748291.49	2.05E+05	4.76E-04	6.87E-02	6.40E-07	2.68E+00	1.61E-04	6.37E-04
443932.69	3748260.34	2.88E+05	6.68E-04	7.06E-02	6.58E-07	2.01E+00	1.20E-04	7.89E-04
443907.9	3748288.95	3.05E+05	7.10E-04	7.63E-02	7.11E-07	9.61E-01	5.75E-05	7.68E-04
443892	3748306.75	2.97E+05	6.91E-04	7.98E-02	7.44E-07	7.12E-01	4.26E-05	7.35E-04
443878.65	3748325.19	2.83E+05	6.59E-04	8.33E-02	7.76E-07	5.67E-01	3.39E-05	6.93E-04

443864.66	3748341.09	2.77E+05	6.45E-04	8.69E-02	8.09E-07	4.72E-01	2.83E-05	6.74E-04
443848.13	3748357.62	2.83E+05	6.58E-04	9.17E-02	8.54E-07	3.95E-01	2.36E-05	6.83E-04
443829.69	3748376.69	2.83E+05	6.59E-04	9.71E-02	9.04E-07	3.33E-01	1.99E-05	6.80E-04
443795.99	3748384.96	3.30E+05	7.68E-04	1.04E-01	9.71E-07	2.81E-01	1.68E-05	7.86E-04
443774.37	3748402.76	3.37E+05	7.84E-04	1.11E-01	1.03E-06	2.45E-01	1.46E-05	8.00E-04
443747.03	3748423.75	3.63E+05	8.43E-04	1.21E-01	1.13E-06	2.10E-01	1.26E-05	8.57E-04
443723.5	3748442.19	3.74E+05	8.69E-04	1.30E-01	1.21E-06	1.87E-01	1.12E-05	8.82E-04
443705.7	3748458.72	3.70E+05	8.60E-04	1.38E-01	1.28E-06	1.72E-01	1.03E-05	8.71E-04
443678.36	3748482.88	4.28E+05	9.94E-04	1.55E-01	1.45E-06	1.52E-01	9.07E-06	1.00E-03
443730.5	3748499.41	3.05E+05	7.10E-04	1.43E-01	1.33E-06	1.67E-01	9.99E-06	7.21E-04
443747.03	3748481.61	2.85E+05	6.62E-04	1.33E-01	1.24E-06	1.82E-01	1.09E-05	6.74E-04
443773.1	3748465.71	2.72E+05	6.31E-04	1.24E-01	1.16E-06	2.03E-01	1.21E-05	6.45E-04
443753.39	3748477.79	2.81E+05	6.53E-04	1.31E-01	1.22E-06	1.87E-01	1.12E-05	6.66E-04
443778.19	3748500.05	2.70E+05	6.28E-04	1.32E-01	1.23E-06	1.89E-01	1.13E-05	6.41E-04
443792.17	3748480.97	2.62E+05	6.09E-04	1.25E-01	1.16E-06	2.06E-01	1.23E-05	6.22E-04
443816.97	3748455.54	2.51E+05	5.83E-04	1.14E-01	1.06E-06	2.39E-01	1.43E-05	5.99E-04
443801.08	3748442.82	2.61E+05	6.08E-04	1.14E-01	1.06E-06	2.36E-01	1.41E-05	6.23E-04
443815.7	3748424.38	2.59E+05	6.02E-04	1.07E-01	1.00E-06	2.63E-01	1.57E-05	6.19E-04
443834.14	3748437.73	2.46E+05	5.73E-04	1.07E-01	9.94E-07	2.69E-01	1.61E-05	5.90E-04
443855.06	3748084.13	6.18E+04	1.44E-04	6.50E-02	6.06E-07	6.01E+00	3.60E-04	5.04E-04
443836.57	3748062.13	5.60E+04	1.30E-04	6.44E-02	5.99E-07	5.80E+00	3.47E-04	4.78E-04
443812.81	3748041	5.17E+04	1.20E-04	6.35E-02	5.91E-07	6.68E+00	3.99E-04	5.20E-04
443769.68	3747996.11	4.56E+04	1.06E-04	6.03E-02	5.62E-07	6.99E+00	4.18E-04	5.25E-04
443828.65	3748013.72	5.07E+04	1.18E-04	6.05E-02	5.64E-07	2.79E+00	1.67E-04	2.85E-04
443816.33	3747989.95	4.86E+04	1.13E-04	5.80E-02	5.40E-07	2.40E+00	1.44E-04	2.57E-04
443813.69	3747954.75	4.89E+04	1.14E-04	5.45E-02	5.07E-07	1.74E+00	1.04E-04	2.18E-04
443764.4	3747961.79	4.45E+04	1.04E-04	5.70E-02	5.31E-07	3.65E+00	2.18E-04	3.22E-04
443730.07	3747945.06	4.18E+04	9.72E-05	5.70E-02	5.31E-07	5.74E+00	3.44E-04	4.41E-04
443706.31	3747923.06	4.05E+04	9.40E-05	5.69E-02	5.30E-07	6.68E+00	4.00E-04	4.94E-04
443688.7	3747902.81	3.92E+04	9.11E-05	5.63E-02	5.25E-07	6.48E+00	3.88E-04	4.79E-04
443664.94	3747880.81	3.69E+04	8.57E-05	5.54E-02	5.16E-07	7.20E+00	4.31E-04	5.17E-04
443646.45	3747852.64	3.52E+04	8.19E-05	5.39E-02	5.02E-07	6.01E+00	3.59E-04	4.42E-04
443619.17	3747824.48	3.32E+04	7.73E-05	5.29E-02	4.93E-07	6.20E+00	3.71E-04	4.49E-04
443604.2	3747805.99	3.25E+04	7.56E-05	5.24E-02	4.88E-07	6.17E+00	3.69E-04	4.45E-04
443618.29	3747776.95	3.32E+04	7.73E-05	5.02E-02	4.67E-07	3.76E+00	2.25E-04	3.03E-04
443639.41	3747752.3	3.43E+04	7.98E-05	4.80E-02	4.47E-07	3.36E+00	2.01E-04	2.81E-04
443670.22	3747725.02	3.65E+04	8.49E-05	4.56E-02	4.24E-07	2.98E+00	1.79E-04	2.64E-04
443702.78	3747688.05	3.98E+04	9.25E-05	4.29E-02	4.00E-07	4.06E+00	2.43E-04	3.36E-04
443684.3	3747671.33	3.72E+04	8.64E-05	4.26E-02	3.97E-07	5.08E+00	3.04E-04	3.91E-04
443719.51	3747704.77	4.27E+04	9.92E-05	4.33E-02	4.03E-07	3.72E+00	2.23E-04	3.22E-04
443730.07	3747724.14	4.51E+04	1.05E-04	4.40E-02	4.10E-07	3.08E+00	1.85E-04	2.90E-04
443752.96	3747739.98	5.07E+04	1.18E-04	4.42E-02	4.12E-07	3.38E+00	2.02E-04	3.20E-04
443766.16	3747760.22	5.54E+04	1.29E-04	4.51E-02	4.20E-07	3.03E+00	1.81E-04	3.11E-04
443789.04	3747782.23	6.35E+04	1.48E-04	4.56E-02	4.24E-07	3.15E+00	1.88E-04	3.36E-04
443802.25	3747798.07	6.96E+04	1.62E-04	4.62E-02	4.30E-07	3.07E+00	1.84E-04	3.46E-04
443819.85	3747817.44	8.09E+04	1.88E-04	4.71E-02	4.39E-07	3.20E+00	1.91E-04	3.80E-04
443838.33	3747832.4	9.54E+04	2.22E-04	4.77E-02	4.45E-07	3.62E+00	2.16E-04	4.39E-04
443855.06	3747848.24	1.08E+05	2.51E-04	4.83E-02	4.50E-07	3.77E+00	2.26E-04	4.77E-04
443868.26	3747867.61	1.07E+05	2.50E-04	4.90E-02	4.56E-07	3.23E+00	1.93E-04	4.44E-04
443885.86	3747890.49	1.01E+05	2.35E-04	4.95E-02	4.61E-07	2.53E+00	1.51E-04	3.87E-04
443905.23	3747909.86	9.64E+04	2.24E-04	5.01E-02	4.67E-07	1.76E+00	1.05E-04	3.30E-04

443919.31	3747930.1	8.76E+04	2.04E-04	5.16E-02	4.80E-07	1.21E+00	7.21E-05	2.76E-04
443942.2	3747945.94	9.35E+04	2.17E-04	5.38E-02	5.01E-07	9.52E-01	5.69E-05	2.75E-04
443955.4	3747961.79	7.89E+04	1.83E-04	5.36E-02	4.99E-07	8.71E-01	5.21E-05	2.36E-04
443984.44	3747930.1	1.32E+05	3.06E-04	5.01E-02	4.67E-07	9.03E-01	5.40E-05	3.61E-04
443991.49	3747911.62	1.95E+05	4.54E-04	4.87E-02	4.53E-07	1.00E+00	5.99E-05	5.14E-04
443994.13	3747889.61	3.01E+05	7.00E-04	4.77E-02	4.45E-07	1.13E+00	6.75E-05	7.68E-04
444004.69	3747868.49	2.84E+05	6.61E-04	4.54E-02	4.23E-07	1.10E+00	6.55E-05	7.27E-04
444006.45	3747849.12	3.10E+05	7.20E-04	4.45E-02	4.14E-07	1.06E+00	6.33E-05	7.84E-04
444014.37	3747831.52	3.06E+05	7.11E-04	4.34E-02	4.04E-07	9.37E-01	5.61E-05	7.68E-04
444017.01	3747807.75	3.34E+05	7.76E-04	4.27E-02	3.97E-07	8.48E-01	5.07E-05	8.27E-04
444024.93	3747790.15	3.33E+05	7.74E-04	4.19E-02	3.90E-07	7.49E-01	4.48E-05	8.20E-04
444036.38	3747768.15	3.26E+05	7.57E-04	4.09E-02	3.81E-07	6.40E-01	3.83E-05	7.96E-04
444047.82	3747747.9	3.21E+05	7.47E-04	4.00E-02	3.72E-07	5.54E-01	3.31E-05	7.80E-04
444058.38	3747728.54	3.18E+05	7.40E-04	3.90E-02	3.63E-07	4.85E-01	2.90E-05	7.69E-04
444071.58	3747710.05	3.07E+05	7.13E-04	3.80E-02	3.54E-07	4.22E-01	2.52E-05	7.38E-04
444086.55	3747695.97	2.83E+05	6.58E-04	3.71E-02	3.45E-07	3.73E-01	2.23E-05	6.80E-04
444102.39	3747681.89	2.59E+05	6.02E-04	3.62E-02	3.37E-07	3.31E-01	1.98E-05	6.22E-04
444114.71	3747666.93	2.49E+05	5.78E-04	3.55E-02	3.31E-07	2.98E-01	1.79E-05	5.96E-04
444132.32	3747655.48	2.24E+05	5.21E-04	3.48E-02	3.24E-07	2.69E-01	1.61E-05	5.37E-04
444112.95	3747621.16	2.97E+05	6.89E-04	3.42E-02	3.18E-07	2.51E-01	1.50E-05	7.05E-04
443727.52	3747635.24	4.34E+04	1.01E-04	4.04E-02	3.77E-07	6.31E+00	3.78E-04	4.79E-04
443741.61	3747647.56	4.64E+04	1.08E-04	4.06E-02	3.78E-07	5.93E+00	3.54E-04	4.63E-04
443754.81	3747668.68	4.94E+04	1.15E-04	4.10E-02	3.82E-07	7.05E+00	4.22E-04	5.37E-04
443769.77	3747684.53	5.30E+04	1.23E-04	4.10E-02	3.82E-07	6.76E+00	4.05E-04	5.28E-04
443780.34	3747695.09	5.80E+04	1.35E-04	4.16E-02	3.88E-07	5.96E+00	3.56E-04	4.91E-04
443797.06	3747714.46	6.64E+04	1.54E-04	4.24E-02	3.95E-07	5.93E+00	3.55E-04	5.09E-04
443809.38	3747727.66	7.43E+04	1.73E-04	4.31E-02	4.01E-07	5.76E+00	3.45E-04	5.18E-04
443823.47	3747745.26	8.65E+04	2.01E-04	4.40E-02	4.10E-07	5.97E+00	3.57E-04	5.59E-04
443846.35	3747775.19	1.11E+05	2.58E-04	4.50E-02	4.19E-07	7.27E+00	4.35E-04	6.93E-04
443860.44	3747786.63	1.33E+05	3.09E-04	4.52E-02	4.21E-07	6.63E+00	3.97E-04	7.06E-04
443868.36	3747769.91	1.44E+05	3.34E-04	4.43E-02	4.12E-07	3.79E+00	2.27E-04	5.61E-04
443879.8	3747749.66	1.57E+05	3.64E-04	4.30E-02	4.01E-07	2.31E+00	1.38E-04	5.03E-04
443887.72	3747723.26	1.57E+05	3.65E-04	4.15E-02	3.86E-07	1.59E+00	9.49E-05	4.61E-04
443892.12	3747702.13	1.53E+05	3.55E-04	4.01E-02	3.74E-07	1.27E+00	7.57E-05	4.31E-04
443895.64	3747682.77	1.45E+05	3.37E-04	3.87E-02	3.60E-07	1.04E+00	6.20E-05	4.00E-04
443893	3747660.76	1.34E+05	3.11E-04	3.77E-02	3.51E-07	8.84E-01	5.29E-05	3.65E-04
443893.88	3747640.52	1.32E+05	3.08E-04	3.70E-02	3.44E-07	7.49E-01	4.48E-05	3.53E-04
443897.41	3747621.15	1.36E+05	3.15E-04	3.63E-02	3.38E-07	6.28E-01	3.76E-05	3.53E-04
443900.05	3747604.43	1.38E+05	3.21E-04	3.57E-02	3.32E-07	5.42E-01	3.24E-05	3.53E-04
443899.17	3747585.94	1.34E+05	3.12E-04	3.51E-02	3.27E-07	4.70E-01	2.81E-05	3.40E-04
443901.81	3747563.94	1.36E+05	3.17E-04	3.45E-02	3.21E-07	3.94E-01	2.36E-05	3.41E-04
443901.81	3747546.33	1.35E+05	3.13E-04	3.40E-02	3.17E-07	3.49E-01	2.09E-05	3.34E-04
443904.45	3747526.97	1.37E+05	3.20E-04	3.35E-02	3.12E-07	3.06E-01	1.83E-05	3.38E-04
443903.57	3747507.6	1.33E+05	3.10E-04	3.31E-02	3.08E-07	2.72E-01	1.63E-05	3.27E-04
443901.81	3747487.36	1.27E+05	2.96E-04	3.26E-02	3.03E-07	2.43E-01	1.45E-05	3.10E-04
443905.33	3747466.23	1.29E+05	3.00E-04	3.20E-02	2.98E-07	2.15E-01	1.29E-05	3.14E-04
443904.45	3747445.99	1.20E+05	2.79E-04	3.12E-02	2.91E-07	1.89E-01	1.13E-05	2.91E-04
443903.57	3747429.26	1.15E+05	2.67E-04	3.08E-02	2.87E-07	1.72E-01	1.03E-05	2.78E-04
443904.45	3747407.26	1.13E+05	2.63E-04	3.03E-02	2.82E-07	1.56E-01	9.34E-06	2.73E-04
443903.57	3747388.77	1.10E+05	2.55E-04	2.99E-02	2.79E-07	1.45E-01	8.65E-06	2.64E-04
443900.93	3747365.01	1.05E+05	2.43E-04	2.95E-02	2.75E-07	1.32E-01	7.90E-06	2.51E-04

443894.76	3747341.24	9.63E+04	2.24E-04	2.92E-02	2.72E-07	1.21E-01	7.26E-06	2.31E-04
443891.24	3747320.99	9.17E+04	2.13E-04	2.89E-02	2.69E-07	1.13E-01	6.75E-06	2.20E-04
443886.84	3747302.51	8.63E+04	2.01E-04	2.86E-02	2.66E-07	1.06E-01	6.32E-06	2.07E-04
443883.32	3747278.74	8.17E+04	1.90E-04	2.82E-02	2.63E-07	9.73E-02	5.82E-06	1.96E-04
443882.44	3747257.62	7.95E+04	1.85E-04	2.79E-02	2.60E-07	9.08E-02	5.43E-06	1.91E-04
443875.4	3747240.89	7.07E+04	1.64E-04	2.77E-02	2.58E-07	8.69E-02	5.20E-06	1.70E-04
443862.2	3747223.29	5.74E+04	1.33E-04	2.76E-02	2.57E-07	8.31E-02	4.97E-06	1.39E-04
443848.99	3747203.92	4.67E+04	1.09E-04	2.74E-02	2.55E-07	7.88E-02	4.71E-06	1.14E-04
443875.4	3747192.48	5.60E+04	1.30E-04	2.70E-02	2.51E-07	7.64E-02	4.57E-06	1.35E-04
443893.88	3747174	5.76E+04	1.34E-04	2.65E-02	2.47E-07	7.31E-02	4.37E-06	1.39E-04
443900.93	3747150.23	4.80E+04	1.12E-04	2.61E-02	2.43E-07	6.97E-02	4.17E-06	1.16E-04
443879.8	3747124.7	3.57E+04	8.29E-05	2.59E-02	2.41E-07	6.56E-02	3.92E-06	8.70E-05
443859.56	3747118.54	3.16E+04	7.35E-05	2.59E-02	2.41E-07	6.39E-02	3.82E-06	7.76E-05
443821.71	3747120.3	2.78E+04	6.46E-05	2.60E-02	2.42E-07	6.40E-02	3.83E-06	6.87E-05
444137.71	3747581.54	2.44E+05	5.67E-04	3.28E-02	3.05E-07	2.01E-01	1.20E-05	5.80E-04
444132.43	3747563.06	2.50E+05	5.82E-04	3.23E-02	3.01E-07	1.90E-01	1.13E-05	5.94E-04
444122.74	3747541.93	2.66E+05	6.17E-04	3.20E-02	2.98E-07	1.80E-01	1.08E-05	6.28E-04
444115.7	3747514.64	2.63E+05	6.12E-04	3.14E-02	2.93E-07	1.67E-01	9.99E-06	6.22E-04
444104.26	3747490.88	2.77E+05	6.44E-04	3.10E-02	2.89E-07	1.58E-01	9.47E-06	6.54E-04
444093.7	3747447.75	2.71E+05	6.30E-04	2.99E-02	2.79E-07	1.39E-01	8.34E-06	6.39E-04
444089.29	3747432.78	2.69E+05	6.25E-04	2.95E-02	2.75E-07	1.34E-01	7.99E-06	6.33E-04
444084.01	3747410.78	2.57E+05	5.97E-04	2.89E-02	2.69E-07	1.25E-01	7.46E-06	6.04E-04
444079.61	3747394.05	2.45E+05	5.70E-04	2.84E-02	2.64E-07	1.18E-01	7.04E-06	5.78E-04
444066.41	3747371.17	2.48E+05	5.76E-04	2.77E-02	2.58E-07	1.10E-01	6.55E-06	5.83E-04
444065.53	3747356.2	2.28E+05	5.30E-04	2.73E-02	2.54E-07	1.04E-01	6.25E-06	5.36E-04
444057.61	3747328.92	2.08E+05	4.84E-04	2.68E-02	2.49E-07	9.84E-02	5.89E-06	4.90E-04
444048.8	3747309.55	2.02E+05	4.69E-04	2.65E-02	2.47E-07	9.56E-02	5.72E-06	4.75E-04
444041.76	3747289.31	1.89E+05	4.40E-04	2.62E-02	2.44E-07	9.25E-02	5.53E-06	4.46E-04
444039.12	3747269.94	1.70E+05	3.95E-04	2.59E-02	2.41E-07	8.90E-02	5.33E-06	4.01E-04
444032.08	3747252.34	1.63E+05	3.78E-04	2.57E-02	2.40E-07	8.65E-02	5.18E-06	3.83E-04
444026.8	3747232.09	1.48E+05	3.43E-04	2.54E-02	2.37E-07	8.29E-02	4.96E-06	3.49E-04
444024.16	3747211.85	1.26E+05	2.93E-04	2.51E-02	2.34E-07	7.86E-02	4.70E-06	2.98E-04
444012.71	3747194.24	1.17E+05	2.73E-04	2.50E-02	2.33E-07	7.56E-02	4.52E-06	2.78E-04
444009.19	3747178.4	9.62E+04	2.24E-04	2.48E-02	2.31E-07	7.25E-02	4.34E-06	2.28E-04
444000.39	3747159.03	7.38E+04	1.71E-04	2.47E-02	2.30E-07	6.96E-02	4.16E-06	1.76E-04
443990.71	3747139.67	5.72E+04	1.33E-04	2.47E-02	2.30E-07	6.75E-02	4.04E-06	1.37E-04
443987.19	3747122.06	4.72E+04	1.10E-04	2.45E-02	2.28E-07	6.52E-02	3.90E-06	1.14E-04
443544.98	3747753.94	2.81E+04	6.54E-05	4.82E-02	4.49E-07	3.07E+00	1.84E-04	2.50E-04
443566.91	3747739.32	2.91E+04	6.76E-05	4.74E-02	4.42E-07	4.33E+00	2.59E-04	3.27E-04
443582.75	3747705.21	2.96E+04	6.87E-05	4.54E-02	4.23E-07	3.08E+00	1.84E-04	2.53E-04
443608.33	3747662.57	3.03E+04	7.03E-05	4.29E-02	3.99E-07	2.85E+00	1.71E-04	2.41E-04
443585.18	3747683.28	2.93E+04	6.81E-05	4.41E-02	4.11E-07	2.24E+00	1.34E-04	2.03E-04
443664.38	3747610.18	3.42E+04	7.96E-05	4.03E-02	3.75E-07	3.23E+00	1.93E-04	2.73E-04
444061.69	3748396.73	1.99E+05	4.63E-04	7.10E-02	6.61E-07	2.05E+00	1.23E-04	5.87E-04
443702.16	3748778.14	2.79E+05	6.48E-04	4.02E-01	3.75E-06	9.71E-02	5.81E-06	6.57E-04
443720.87	3748761.68	3.35E+05	7.80E-04	3.57E-01	3.33E-06	1.03E-01	6.15E-06	7.89E-04
443735.08	3748748.96	3.83E+05	8.89E-04	3.26E-01	3.04E-06	1.08E-01	6.44E-06	8.99E-04
443761.27	3748751.2	3.11E+05	7.22E-04	3.01E-01	2.81E-06	1.14E-01	6.79E-06	7.32E-04
443781.48	3748750.46	2.83E+05	6.58E-04	2.83E-01	2.63E-06	1.19E-01	7.11E-06	6.68E-04
443799.43	3748733.25	3.35E+05	7.79E-04	2.55E-01	2.37E-06	1.27E-01	7.58E-06	7.89E-04
443816.64	3748742.22	2.66E+05	6.18E-04	2.50E-01	2.33E-06	1.30E-01	7.79E-06	6.29E-04

443859.29	3748707.06	2.77E+05	6.43E-04	2.04E-01	1.90E-06	1.52E-01	9.12E-06	6.54E-04
443854.8	3748660.67	4.01E+05	9.31E-04	1.82E-01	1.70E-06	1.63E-01	9.75E-06	9.43E-04
443872.01	3748652.43	3.52E+05	8.18E-04	1.72E-01	1.60E-06	1.73E-01	1.04E-05	8.30E-04
443881.74	3748635.22	3.48E+05	8.10E-04	1.61E-01	1.50E-06	1.85E-01	1.10E-05	8.22E-04
443889.22	3748615.02	3.57E+05	8.30E-04	1.50E-01	1.40E-06	1.97E-01	1.18E-05	8.44E-04
443912.42	3748586.59	3.28E+05	7.63E-04	1.33E-01	1.24E-06	2.27E-01	1.36E-05	7.77E-04
443949.73	3748543.05	2.91E+05	6.77E-04	1.12E-01	1.04E-06	2.96E-01	1.77E-05	6.96E-04
443955.98	3748523.52	3.11E+05	7.24E-04	1.07E-01	9.93E-07	3.25E-01	1.95E-05	7.44E-04
443964.58	3748509.45	3.13E+05	7.28E-04	1.02E-01	9.52E-07	3.57E-01	2.13E-05	7.51E-04
443975.51	3748496.56	3.06E+05	7.12E-04	9.78E-02	9.11E-07	3.98E-01	2.38E-05	7.37E-04
444002.47	3748489.92	2.49E+05	5.80E-04	9.29E-02	8.65E-07	4.77E-01	2.85E-05	6.09E-04
443993.02	3748508.17	2.44E+05	5.68E-04	9.78E-02	9.10E-07	4.14E-01	2.48E-05	5.93E-04
443984.29	3748521.95	2.42E+05	5.63E-04	1.02E-01	9.47E-07	3.74E-01	2.24E-05	5.86E-04
443976.48	3748538.5	2.38E+05	5.52E-04	1.07E-01	9.94E-07	3.38E-01	2.02E-05	5.73E-04
443964.53	3748550.91	2.46E+05	5.72E-04	1.12E-01	1.04E-06	3.07E-01	1.84E-05	5.91E-04
443950.29	3748565.15	2.58E+05	5.99E-04	1.18E-01	1.10E-06	2.77E-01	1.65E-05	6.16E-04
443942.47	3748583.07	2.53E+05	5.88E-04	1.25E-01	1.17E-06	2.55E-01	1.52E-05	6.04E-04
444015.08	3748474.62	2.39E+05	5.56E-04	8.83E-02	8.22E-07	5.64E-01	3.37E-05	5.90E-04
444023.81	3748461.29	2.33E+05	5.43E-04	8.48E-02	7.90E-07	6.55E-01	3.92E-05	5.83E-04
444033	3748446.13	2.26E+05	5.26E-04	8.11E-02	7.56E-07	7.92E-01	4.74E-05	5.74E-04
444049.55	3748429.58	2.06E+05	4.79E-04	7.70E-02	7.17E-07	1.09E+00	6.54E-05	5.45E-04
444052.31	3748411.2	2.15E+05	4.99E-04	7.42E-02	6.91E-07	1.39E+00	8.35E-05	5.83E-04
443186.88	3748634.7	6.64E+04	1.54E-04	7.70E-01	7.17E-06	5.43E-02	3.25E-06	1.65E-04
443201.94	3748608.36	6.66E+04	1.55E-04	6.25E-01	5.82E-06	5.67E-02	3.39E-06	1.64E-04
443224.52	3748583.89	6.77E+04	1.57E-04	5.19E-01	4.83E-06	6.00E-02	3.59E-06	1.66E-04
443237.69	3748551.9	6.92E+04	1.61E-04	4.32E-01	4.02E-06	6.28E-02	3.75E-06	1.69E-04
443250.87	3748525.56	7.06E+04	1.64E-04	3.74E-01	3.48E-06	6.55E-02	3.92E-06	1.71E-04
443267.8	3748491.68	6.81E+04	1.58E-04	3.06E-01	2.85E-06	7.02E-02	4.20E-06	1.65E-04
443290.38	3748454.05	6.85E+04	1.59E-04	2.57E-01	2.40E-06	7.59E-02	4.54E-06	1.66E-04
443299.79	3748416.41	6.25E+04	1.45E-04	2.17E-01	2.02E-06	8.10E-02	4.84E-06	1.52E-04
443299.79	3748384.42	5.66E+04	1.32E-04	1.92E-01	1.79E-06	8.44E-02	5.05E-06	1.38E-04
443301.68	3748352.43	5.26E+04	1.22E-04	1.74E-01	1.62E-06	8.83E-02	5.28E-06	1.29E-04
443305.44	3748320.44	4.91E+04	1.14E-04	1.57E-01	1.46E-06	9.28E-02	5.55E-06	1.21E-04
443117.28	3748611.37	5.26E+04	1.22E-04	5.63E-01	5.24E-06	5.09E-02	3.04E-06	1.31E-04
443090.7	3748626.39	5.09E+04	1.18E-04	5.71E-01	5.32E-06	4.88E-02	2.92E-06	1.27E-04
443162.35	3748585.94	5.65E+04	1.31E-04	5.13E-01	4.78E-06	5.50E-02	3.29E-06	1.39E-04
443179.69	3748558.2	5.63E+04	1.31E-04	4.31E-01	4.01E-06	5.80E-02	3.47E-06	1.38E-04
443190.09	3748530.47	5.44E+04	1.26E-04	3.64E-01	3.39E-06	6.07E-02	3.63E-06	1.33E-04
443205.11	3748494.64	5.32E+04	1.24E-04	3.01E-01	2.80E-06	6.43E-02	3.84E-06	1.30E-04
443229.38	3748456.5	5.16E+04	1.20E-04	2.45E-01	2.28E-06	6.97E-02	4.17E-06	1.26E-04
443231.69	3748413.74	4.73E+04	1.10E-04	2.06E-01	1.92E-06	7.34E-02	4.39E-06	1.16E-04
443252.5	3748389.47	4.81E+04	1.12E-04	1.91E-01	1.78E-06	7.79E-02	4.66E-06	1.18E-04
443186.62	3748471.53	4.81E+04	1.12E-04	2.68E-01	2.50E-06	6.42E-02	3.84E-06	1.18E-04
443141.55	3748525.84	4.68E+04	1.09E-04	3.48E-01	3.24E-06	5.72E-02	3.42E-06	1.15E-04
443138.08	3748498.11	4.36E+04	1.01E-04	2.99E-01	2.78E-06	5.87E-02	3.51E-06	1.08E-04
443150.79	3748472.68	4.31E+04	1.00E-04	2.65E-01	2.47E-06	6.12E-02	3.66E-06	1.06E-04
443169.29	3748447.26	4.29E+04	9.97E-05	2.35E-01	2.19E-06	6.45E-02	3.86E-06	1.06E-04
443183.15	3748419.52	4.20E+04	9.76E-05	2.09E-01	1.94E-06	6.78E-02	4.06E-06	1.04E-04
443202.8	3748396.41	4.23E+04	9.84E-05	1.93E-01	1.79E-06	7.16E-02	4.28E-06	1.04E-04
443224.76	3748373.29	4.28E+04	9.96E-05	1.79E-01	1.67E-06	7.60E-02	4.55E-06	1.06E-04
443238.63	3748345.56	4.20E+04	9.76E-05	1.64E-01	1.53E-06	8.03E-02	4.80E-06	1.04E-04

443112.66	3748590.56	4.96E+04	1.15E-04	4.81E-01	4.48E-06	5.17E-02	3.09E-06	1.23E-04
443080.3	3748597.5	4.61E+04	1.07E-04	4.58E-01	4.27E-06	4.96E-02	2.97E-06	1.14E-04
443072.21	3748572.07	4.27E+04	9.93E-05	3.90E-01	3.63E-06	5.04E-02	3.02E-06	1.06E-04
443103.41	3748554.74	4.52E+04	1.05E-04	3.86E-01	3.59E-06	5.29E-02	3.16E-06	1.12E-04
443093.01	3748532.78	4.23E+04	9.83E-05	3.37E-01	3.14E-06	5.34E-02	3.19E-06	1.05E-04
444066.11	3748315.51	1.42E+05	3.29E-04	6.18E-02	5.76E-07	6.43E+00	3.85E-04	7.14E-04
444098.47	3748350.18	1.30E+05	3.01E-04	6.22E-02	5.80E-07	6.67E+00	3.99E-04	7.01E-04
444078.82	3748294.7	1.15E+05	2.67E-04	5.91E-02	5.51E-07	3.07E+00	1.84E-04	4.52E-04
444089.22	3748273.9	9.88E+04	2.30E-04	5.69E-02	5.30E-07	1.99E+00	1.19E-04	3.49E-04
444096.16	3748253.1	8.81E+04	2.05E-04	5.52E-02	5.14E-07	1.50E+00	8.98E-05	2.95E-04
444111.18	3748321.29	1.05E+05	2.43E-04	5.87E-02	5.47E-07	2.71E+00	1.62E-04	4.06E-04
444131.98	3748302.79	8.66E+04	2.01E-04	5.60E-02	5.22E-07	1.64E+00	9.82E-05	3.00E-04
444135.45	3748284.3	7.95E+04	1.85E-04	5.44E-02	5.06E-07	1.33E+00	7.98E-05	2.65E-04
443313.52	3748260.81	4.29E+04	9.97E-05	1.32E-01	1.23E-06	1.03E-01	6.15E-06	1.07E-04
443230.72	3748275.87	3.57E+04	8.29E-05	1.32E-01	1.23E-06	8.63E-02	5.16E-06	8.93E-05
443260.83	3748238.23	3.55E+04	8.25E-05	1.21E-01	1.13E-06	9.59E-02	5.74E-06	8.93E-05
443274	3748215.65	3.49E+04	8.11E-05	1.15E-01	1.07E-06	1.02E-01	6.07E-06	8.82E-05
443304.11	3748178.01	3.38E+04	7.85E-05	1.04E-01	9.67E-07	1.15E-01	6.88E-06	8.64E-05
443198.73	3748330.44	3.63E+04	8.44E-05	1.51E-01	1.41E-06	7.67E-02	4.59E-06	9.04E-05
443155.44	3748373.72	3.56E+04	8.28E-05	1.73E-01	1.61E-06	6.84E-02	4.09E-06	8.85E-05
443119.69	3748411.36	3.49E+04	8.12E-05	1.99E-01	1.85E-06	6.27E-02	3.75E-06	8.68E-05
443100.87	3748441.47	3.57E+04	8.30E-05	2.26E-01	2.11E-06	5.92E-02	3.54E-06	8.86E-05
443093.34	3748477.23	3.82E+04	8.89E-05	2.66E-01	2.48E-06	5.63E-02	3.37E-06	9.47E-05
443080.17	3748501.69	3.88E+04	9.02E-05	2.86E-01	2.66E-06	5.41E-02	3.24E-06	9.61E-05
443718.12	3747857.82	4.38E+04	1.02E-04	5.24E-02	4.88E-07	2.09E+00	1.25E-04	2.27E-04
443737.76	3747882.38	4.53E+04	1.05E-04	5.30E-02	4.93E-07	2.10E+00	1.25E-04	2.31E-04
443765.27	3747898.1	4.77E+04	1.11E-04	5.24E-02	4.88E-07	1.83E+00	1.09E-04	2.21E-04
443754.46	3747918.73	4.47E+04	1.04E-04	5.40E-02	5.03E-07	2.37E+00	1.42E-04	2.46E-04
443696.5	3747826.38	4.17E+04	9.70E-05	5.15E-02	4.80E-07	2.04E+00	1.22E-04	2.19E-04
443672.93	3747804.77	3.86E+04	8.98E-05	5.07E-02	4.73E-07	2.18E+00	1.30E-04	2.21E-04
443726.96	3747844.07	4.57E+04	1.06E-04	5.13E-02	4.78E-07	1.82E+00	1.09E-04	2.16E-04
443710.26	3747771.37	4.32E+04	1.00E-04	4.74E-02	4.41E-07	1.87E+00	1.12E-04	2.13E-04
443737.76	3747790.04	4.79E+04	1.11E-04	4.73E-02	4.40E-07	1.78E+00	1.07E-04	2.19E-04
443746.61	3747808.7	5.00E+04	1.16E-04	4.82E-02	4.49E-07	1.71E+00	1.02E-04	2.19E-04
443762.32	3747821.47	5.37E+04	1.25E-04	4.85E-02	4.51E-07	1.70E+00	1.02E-04	2.27E-04
443787.87	3747845.05	5.94E+04	1.38E-04	4.89E-02	4.56E-07	1.67E+00	1.00E-04	2.39E-04
443800.64	3747866.66	6.07E+04	1.41E-04	4.99E-02	4.64E-07	1.60E+00	9.58E-05	2.37E-04
443806.53	3747929.53	5.05E+04	1.17E-04	5.29E-02	4.93E-07	1.60E+00	9.56E-05	2.14E-04
443520.64	3747701.59	2.65E+04	6.15E-05	4.47E-02	4.16E-07	9.79E-01	5.86E-05	1.21E-04
443551.64	3747661.73	2.73E+04	6.35E-05	4.27E-02	3.97E-07	1.02E+00	6.13E-05	1.25E-04
443591.49	3747635.16	2.87E+04	6.66E-05	4.13E-02	3.85E-07	1.35E+00	8.05E-05	1.47E-04
443836.47	3747717.7	9.75E+04	2.27E-04	4.30E-02	4.00E-07	2.72E+00	1.63E-04	3.90E-04
443840.73	3747688.6	9.78E+04	2.27E-04	4.15E-02	3.87E-07	1.82E+00	1.09E-04	3.36E-04
443841.44	3747663.76	9.17E+04	2.13E-04	3.99E-02	3.72E-07	1.43E+00	8.54E-05	2.99E-04
443804.53	3747670.15	7.48E+04	1.74E-04	4.19E-02	3.90E-07	2.23E+00	1.34E-04	3.08E-04
443787.49	3747657.37	6.16E+04	1.43E-04	4.06E-02	3.78E-07	2.56E+00	1.53E-04	2.97E-04
443777.55	3747633.95	5.56E+04	1.29E-04	3.94E-02	3.67E-07	2.14E+00	1.28E-04	2.57E-04
443744.9	3747619.04	4.67E+04	1.09E-04	3.96E-02	3.69E-07	2.63E+00	1.58E-04	2.67E-04
443761.94	3747606.26	5.06E+04	1.18E-04	3.88E-02	3.62E-07	1.56E+00	9.31E-05	2.11E-04
443844.28	3747623.3	8.36E+04	1.94E-04	3.74E-02	3.48E-07	9.21E-01	5.51E-05	2.50E-04
443847.12	3747599.87	8.33E+04	1.94E-04	3.65E-02	3.40E-07	7.02E-01	4.20E-05	2.36E-04

443852.79	3747578.58	8.54E+04	1.98E-04	3.57E-02	3.33E-07	5.48E-01	3.28E-05	2.32E-04
443849.96	3747558	8.16E+04	1.90E-04	3.51E-02	3.27E-07	4.53E-01	2.71E-05	2.17E-04
443849.96	3747537.41	8.06E+04	1.87E-04	3.46E-02	3.23E-07	3.81E-01	2.28E-05	2.10E-04
443854.92	3747518.25	8.22E+04	1.91E-04	3.40E-02	3.17E-07	3.24E-01	1.94E-05	2.11E-04
443847.12	3747495.53	7.49E+04	1.74E-04	3.35E-02	3.12E-07	2.79E-01	1.67E-05	1.91E-04
443853.5	3747478.5	7.71E+04	1.79E-04	3.30E-02	3.07E-07	2.47E-01	1.48E-05	1.94E-04
443850.67	3747457.2	7.34E+04	1.71E-04	3.25E-02	3.03E-07	2.19E-01	1.31E-05	1.84E-04
443854.21	3747438.75	7.34E+04	1.71E-04	3.20E-02	2.98E-07	1.96E-01	1.17E-05	1.83E-04
443849.96	3747397.58	6.75E+04	1.57E-04	3.11E-02	2.90E-07	1.61E-01	9.61E-06	1.67E-04
443854.21	3747418.16	7.13E+04	1.66E-04	3.15E-02	2.93E-07	1.76E-01	1.05E-05	1.76E-04
443853.5	3747378.41	6.79E+04	1.58E-04	3.07E-02	2.86E-07	1.48E-01	8.83E-06	1.67E-04
443843.57	3747336.54	6.01E+04	1.40E-04	3.00E-02	2.79E-07	1.24E-01	7.45E-06	1.47E-04
443836.47	3747315.24	5.55E+04	1.29E-04	2.97E-02	2.76E-07	1.15E-01	6.86E-06	1.36E-04
443829.37	3747296.08	5.13E+04	1.19E-04	2.93E-02	2.73E-07	1.06E-01	6.36E-06	1.26E-04
443827.95	3747274.07	4.88E+04	1.13E-04	2.89E-02	2.69E-07	9.82E-02	5.88E-06	1.20E-04
443816.59	3747254.2	4.35E+04	1.01E-04	2.86E-02	2.66E-07	9.23E-02	5.52E-06	1.07E-04
443805.95	3747236.45	3.91E+04	9.09E-05	2.83E-02	2.63E-07	8.73E-02	5.22E-06	9.64E-05
443803.11	3747219.42	3.67E+04	8.54E-05	2.79E-02	2.60E-07	8.29E-02	4.96E-06	9.06E-05
443838.6	3747186.06	3.98E+04	9.26E-05	2.71E-02	2.53E-07	7.51E-02	4.49E-06	9.74E-05
443838.6	3747171.15	3.71E+04	8.63E-05	2.69E-02	2.50E-07	7.24E-02	4.33E-06	9.09E-05
443970.69	3747984.97	6.41E+04	1.49E-04	5.28E-02	4.91E-07	8.19E-01	4.90E-05	1.99E-04
443980.63	3747995.62	6.02E+04	1.40E-04	5.22E-02	4.86E-07	7.93E-01	4.75E-05	1.88E-04
443994.83	3748014.08	5.61E+04	1.30E-04	5.17E-02	4.81E-07	7.68E-01	4.59E-05	1.77E-04
444006.19	3748026.85	5.40E+04	1.25E-04	5.11E-02	4.76E-07	7.49E-01	4.48E-05	1.71E-04
444016.83	3748040.34	5.26E+04	1.22E-04	5.08E-02	4.73E-07	7.40E-01	4.43E-05	1.67E-04
444040.26	3748051.7	5.14E+04	1.19E-04	4.98E-02	4.64E-07	6.90E-01	4.13E-05	1.61E-04
444048.78	3748065.89	5.08E+04	1.18E-04	4.96E-02	4.62E-07	6.92E-01	4.14E-05	1.60E-04
444060.13	3748085.77	5.11E+04	1.19E-04	4.96E-02	4.62E-07	7.04E-01	4.21E-05	1.61E-04
444079.3	3748100.68	5.15E+04	1.20E-04	4.91E-02	4.58E-07	6.84E-01	4.09E-05	1.61E-04
444088.53	3748117	5.32E+04	1.24E-04	4.94E-02	4.60E-07	6.99E-01	4.18E-05	1.66E-04
444101.3	3748132.62	5.47E+04	1.27E-04	4.94E-02	4.60E-07	7.02E-01	4.20E-05	1.70E-04
444114.79	3748147.53	5.55E+04	1.29E-04	4.91E-02	4.58E-07	6.99E-01	4.18E-05	1.71E-04
444129.7	3748161.72	5.58E+04	1.30E-04	4.89E-02	4.55E-07	6.89E-01	4.12E-05	1.71E-04
444141.76	3748177.34	5.61E+04	1.30E-04	4.87E-02	4.53E-07	6.91E-01	4.14E-05	1.72E-04
444158.09	3748180.89	5.36E+04	1.25E-04	4.78E-02	4.45E-07	6.46E-01	3.87E-05	1.64E-04
444169.45	3748204.31	5.40E+04	1.25E-04	4.78E-02	4.45E-07	6.63E-01	3.96E-05	1.66E-04
444190.03	3748217.09	5.12E+04	1.19E-04	4.69E-02	4.37E-07	6.21E-01	3.71E-05	1.57E-04
444192.83	3748193.06	4.79E+04	1.11E-04	4.57E-02	4.25E-07	5.61E-01	3.36E-05	1.45E-04
444195.33	3748122.7	4.31E+04	1.00E-04	4.34E-02	4.04E-07	4.57E-01	2.74E-05	1.28E-04
444008.68	3747956.49	7.86E+04	1.83E-04	4.86E-02	4.52E-07	7.37E-01	4.41E-05	2.27E-04
444019.33	3747969.98	6.85E+04	1.59E-04	4.83E-02	4.49E-07	6.87E-01	4.11E-05	2.01E-04
444042.75	3747981.34	6.17E+04	1.43E-04	4.69E-02	4.36E-07	6.22E-01	3.72E-05	1.81E-04
444051.27	3747995.53	5.75E+04	1.34E-04	4.70E-02	4.38E-07	6.04E-01	3.61E-05	1.70E-04
444062.63	3748015.41	5.36E+04	1.24E-04	4.73E-02	4.40E-07	5.89E-01	3.53E-05	1.60E-04
444081.79	3748030.32	5.13E+04	1.19E-04	4.68E-02	4.36E-07	5.64E-01	3.37E-05	1.53E-04
444091.02	3748046.64	4.99E+04	1.16E-04	4.70E-02	4.37E-07	5.63E-01	3.37E-05	1.50E-04
444103.8	3748062.26	4.95E+04	1.15E-04	4.70E-02	4.38E-07	5.57E-01	3.33E-05	1.49E-04
444117.29	3748077.17	4.88E+04	1.13E-04	4.68E-02	4.36E-07	5.49E-01	3.29E-05	1.47E-04
444132.19	3748091.36	4.83E+04	1.12E-04	4.65E-02	4.33E-07	5.39E-01	3.23E-05	1.45E-04
444144.26	3748106.98	4.81E+04	1.12E-04	4.63E-02	4.31E-07	5.37E-01	3.21E-05	1.44E-04
444160.59	3748110.53	4.69E+04	1.09E-04	4.55E-02	4.24E-07	5.10E-01	3.05E-05	1.40E-04

444171.94	3748133.95	4.67E+04	1.09E-04	4.54E-02	4.22E-07	5.19E-01	3.11E-05	1.40E-04
444192.53	3748146.73	4.43E+04	1.03E-04	4.41E-02	4.11E-07	4.89E-01	2.93E-05	1.33E-04
444143.39	3748498.91	1.00E+05	2.33E-04	7.96E-02	7.41E-07	1.79E+00	1.07E-04	3.41E-04
444154.04	3748512.39	9.43E+04	2.19E-04	8.07E-02	7.51E-07	1.77E+00	1.06E-04	3.26E-04
444177.46	3748523.75	8.51E+04	1.98E-04	8.06E-02	7.50E-07	2.35E+00	1.41E-04	3.39E-04
444185.98	3748537.95	8.15E+04	1.89E-04	8.21E-02	7.65E-07	2.19E+00	1.31E-04	3.21E-04
444197.34	3748557.82	7.64E+04	1.78E-04	8.40E-02	7.83E-07	2.00E+00	1.20E-04	2.98E-04
444216.5	3748572.73	7.06E+04	1.64E-04	8.44E-02	7.86E-07	2.35E+00	1.40E-04	3.05E-04
444225.73	3748589.05	6.74E+04	1.57E-04	8.59E-02	8.00E-07	2.16E+00	1.29E-04	2.87E-04
444238.51	3748604.67	6.38E+04	1.48E-04	8.68E-02	8.09E-07	2.18E+00	1.30E-04	2.80E-04
444251.99	3748619.58	6.05E+04	1.41E-04	8.75E-02	8.14E-07	2.27E+00	1.36E-04	2.77E-04
444266.9	3748633.77	5.72E+04	1.33E-04	8.77E-02	8.16E-07	2.50E+00	1.49E-04	2.83E-04
444278.97	3748649.39	5.44E+04	1.26E-04	8.83E-02	8.22E-07	2.58E+00	1.55E-04	2.82E-04
444295.29	3748652.94	5.20E+04	1.21E-04	8.68E-02	8.09E-07	3.89E+00	2.32E-04	3.54E-04
444306.65	3748676.37	4.93E+04	1.15E-04	8.83E-02	8.22E-07	3.91E+00	2.34E-04	3.49E-04
444237.65	3748593.44	6.48E+04	1.51E-04	8.54E-02	7.95E-07	2.62E+00	1.57E-04	3.08E-04
444061.66	3748440.72	1.78E+05	4.14E-04	7.74E-02	7.21E-07	1.13E+00	6.76E-05	4.82E-04
444085.08	3748452.08	1.46E+05	3.39E-04	7.70E-02	7.17E-07	1.35E+00	8.09E-05	4.21E-04
444093.6	3748466.28	1.36E+05	3.16E-04	7.88E-02	7.34E-07	1.27E+00	7.63E-05	3.93E-04
444104.96	3748486.15	1.23E+05	2.86E-04	8.10E-02	7.54E-07	1.18E+00	7.04E-05	3.57E-04
444124.12	3748501.06	1.10E+05	2.55E-04	8.19E-02	7.62E-07	1.28E+00	7.65E-05	3.33E-04
444133.35	3748517.39	1.03E+05	2.40E-04	8.37E-02	7.80E-07	1.20E+00	7.20E-05	3.12E-04
444146.13	3748533	9.51E+04	2.21E-04	8.49E-02	7.91E-07	1.20E+00	7.21E-05	2.94E-04
444159.61	3748547.91	8.83E+04	2.05E-04	8.60E-02	8.01E-07	1.23E+00	7.34E-05	2.80E-04
444174.52	3748562.11	8.22E+04	1.91E-04	8.69E-02	8.09E-07	1.29E+00	7.71E-05	2.69E-04
444186.59	3748577.72	7.72E+04	1.79E-04	8.81E-02	8.20E-07	1.28E+00	7.68E-05	2.57E-04
444202.91	3748581.27	7.29E+04	1.70E-04	8.70E-02	8.10E-07	1.58E+00	9.44E-05	2.65E-04
444214.27	3748604.7	6.86E+04	1.59E-04	8.95E-02	8.33E-07	1.41E+00	8.44E-05	2.45E-04
444234.86	3748617.47	6.35E+04	1.48E-04	8.90E-02	8.29E-07	1.68E+00	1.00E-04	2.49E-04
443957.64	3748095.6	6.18E+04	1.44E-04	5.74E-02	5.34E-07	1.42E+00	8.51E-05	2.29E-04
CONCUNIT ug	/m^3	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
DEPUNIT g/m	^2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Trails of Corona

2024 **tier IV** **at Sensitive Receptors**

Construction Annual DPM Emissions (as PM10 Exhaust)

X (m)	Y (m)	Onsite Annual DPM Exhaust w/Unit Emissions (ug/m3)	Onsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Unit Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Unit Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Total DPM (ug/m3)
443543.62	3748016.2	3.52E+04	5.01E-05	7.48E-02	1.73E-07	4.16E-01	6.16E-06	5.64E-05
443581.38	3748016.2	3.66E+04	5.22E-05	7.29E-02	1.68E-07	5.28E-01	7.84E-06	6.02E-05
443619.14	3748016.2	3.86E+04	5.50E-05	7.10E-02	1.64E-07	6.99E-01	1.04E-05	6.55E-05
443656.9	3748016.2	4.09E+04	5.83E-05	6.92E-02	1.60E-07	9.88E-01	1.47E-05	7.31E-05
443694.66	3748016.2	4.38E+04	6.25E-05	6.81E-02	1.57E-07	1.56E+00	2.31E-05	8.58E-05
443732.42	3748016.2	4.57E+04	6.51E-05	6.55E-02	1.51E-07	3.42E+00	5.07E-05	1.16E-04
443543.62	3748046.66	3.69E+04	5.26E-05	7.87E-02	1.82E-07	3.62E-01	5.37E-06	5.81E-05
443581.38	3748046.66	3.86E+04	5.49E-05	7.66E-02	1.77E-07	4.47E-01	6.63E-06	6.18E-05
443619.14	3748046.66	4.06E+04	5.79E-05	7.45E-02	1.72E-07	5.69E-01	8.44E-06	6.65E-05
443656.9	3748046.66	4.33E+04	6.18E-05	7.29E-02	1.68E-07	7.58E-01	1.12E-05	7.32E-05
443694.66	3748046.66	4.68E+04	6.67E-05	7.20E-02	1.66E-07	1.08E+00	1.60E-05	8.29E-05
443732.42	3748046.66	4.88E+04	6.95E-05	6.93E-02	1.60E-07	1.85E+00	2.75E-05	9.71E-05
443543.62	3748077.12	3.94E+04	5.62E-05	8.34E-02	1.93E-07	3.19E-01	4.73E-06	6.11E-05
443581.38	3748077.12	4.13E+04	5.89E-05	8.11E-02	1.87E-07	3.85E-01	5.71E-06	6.48E-05
443619.14	3748077.12	4.38E+04	6.24E-05	7.89E-02	1.82E-07	4.76E-01	7.06E-06	6.96E-05
443656.9	3748077.12	4.62E+04	6.58E-05	7.63E-02	1.76E-07	6.10E-01	9.06E-06	7.50E-05
443694.66	3748077.12	4.99E+04	7.11E-05	7.51E-02	1.73E-07	8.22E-01	1.22E-05	8.35E-05
443732.42	3748077.12	5.22E+04	7.45E-05	7.23E-02	1.67E-07	1.24E+00	1.84E-05	9.31E-05
443543.62	3748107.58	4.27E+04	6.08E-05	8.89E-02	2.05E-07	2.84E-01	4.22E-06	6.52E-05
443581.38	3748107.58	4.48E+04	6.38E-05	8.60E-02	1.99E-07	3.37E-01	5.00E-06	6.90E-05
443619.14	3748107.58	4.68E+04	6.67E-05	8.23E-02	1.90E-07	4.08E-01	6.05E-06	7.29E-05
443656.9	3748107.58	4.95E+04	7.06E-05	7.94E-02	1.83E-07	5.07E-01	7.52E-06	7.83E-05
443694.66	3748107.58	5.40E+04	7.70E-05	7.83E-02	1.81E-07	6.55E-01	9.72E-06	8.69E-05
443732.42	3748107.58	5.72E+04	8.15E-05	7.53E-02	1.74E-07	9.13E-01	1.35E-05	9.53E-05
443543.62	3748138.04	4.64E+04	6.61E-05	9.42E-02	2.18E-07	2.56E-01	3.80E-06	7.01E-05
443581.38	3748138.04	4.83E+04	6.89E-05	9.01E-02	2.08E-07	3.00E-01	4.44E-06	7.35E-05
443619.14	3748138.04	5.07E+04	7.22E-05	8.60E-02	1.99E-07	3.55E-01	5.27E-06	7.77E-05
443656.9	3748138.04	5.43E+04	7.74E-05	8.31E-02	1.92E-07	4.31E-01	6.39E-06	8.40E-05
443694.66	3748138.04	5.99E+04	8.53E-05	8.18E-02	1.89E-07	5.39E-01	8.00E-06	9.35E-05
443732.42	3748138.04	6.45E+04	9.19E-05	7.87E-02	1.82E-07	7.10E-01	1.05E-05	1.03E-04
443543.62	3748168.5	5.05E+04	7.20E-05	9.94E-02	2.29E-07	2.33E-01	3.45E-06	7.56E-05
443581.38	3748168.5	5.30E+04	7.56E-05	9.49E-02	2.19E-07	2.69E-01	3.98E-06	7.98E-05
443619.14	3748168.5	5.60E+04	7.99E-05	9.03E-02	2.09E-07	3.14E-01	4.65E-06	8.47E-05
443656.9	3748168.5	6.10E+04	8.70E-05	8.75E-02	2.02E-07	3.73E-01	5.53E-06	9.27E-05
443694.66	3748168.5	6.82E+04	9.72E-05	8.58E-02	1.98E-07	4.55E-01	6.74E-06	1.04E-04
443732.42	3748168.5	7.47E+04	1.06E-04	8.22E-02	1.90E-07	5.76E-01	8.54E-06	1.15E-04
444172.99	3747085.77	2.94E+04	4.20E-05	2.21E-02	5.09E-08	5.54E-02	8.21E-07	4.28E-05
444272.99	3747085.77	2.54E+04	3.61E-05	2.20E-02	5.09E-08	5.31E-02	7.88E-07	3.70E-05

444372.99	3747085.77	2.18E+04	3.11E-05	2.20E-02	5.07E-08	5.02E-02	7.45E-07	3.19E-05
444472.99	3747085.77	1.89E+04	2.69E-05	2.15E-02	4.96E-08	4.68E-02	6.95E-07	2.77E-05
444572.99	3747085.77	1.65E+04	2.35E-05	2.07E-02	4.77E-08	4.36E-02	6.47E-07	2.42E-05
444672.99	3747085.77	1.48E+04	2.10E-05	1.98E-02	4.56E-08	4.15E-02	6.15E-07	2.17E-05
444772.99	3747085.77	1.33E+04	1.90E-05	1.87E-02	4.33E-08	3.96E-02	5.87E-07	1.96E-05
444872.99	3747085.77	1.22E+04	1.73E-05	1.77E-02	4.10E-08	3.78E-02	5.61E-07	1.79E-05
444972.99	3747085.77	1.11E+04	1.59E-05	1.68E-02	3.88E-08	3.60E-02	5.34E-07	1.65E-05
445072.99	3747085.77	1.03E+04	1.47E-05	1.60E-02	3.69E-08	3.42E-02	5.07E-07	1.52E-05
445172.99	3747085.77	9.61E+03	1.37E-05	1.53E-02	3.54E-08	3.26E-02	4.83E-07	1.42E-05
445272.99	3747085.77	9.03E+03	1.29E-05	1.49E-02	3.44E-08	3.12E-02	4.63E-07	1.34E-05
445372.99	3747085.77	8.48E+03	1.21E-05	1.45E-02	3.36E-08	2.99E-02	4.44E-07	1.26E-05
445472.99	3747085.77	7.97E+03	1.14E-05	1.42E-02	3.28E-08	2.85E-02	4.22E-07	1.18E-05
445572.99	3747085.77	7.52E+03	1.07E-05	1.39E-02	3.21E-08	2.71E-02	4.02E-07	1.12E-05
444172.99	3747185.77	4.71E+04	6.72E-05	2.37E-02	5.47E-08	6.53E-02	9.69E-07	6.82E-05
444272.99	3747185.77	3.61E+04	5.14E-05	2.37E-02	5.48E-08	6.18E-02	9.16E-07	5.24E-05
444372.99	3747185.77	2.88E+04	4.10E-05	2.34E-02	5.40E-08	5.77E-02	8.56E-07	4.19E-05
444472.99	3747185.77	2.35E+04	3.36E-05	2.26E-02	5.21E-08	5.31E-02	7.88E-07	3.44E-05
444572.99	3747185.77	1.99E+04	2.84E-05	2.15E-02	4.96E-08	4.95E-02	7.34E-07	2.92E-05
444672.99	3747185.77	1.73E+04	2.47E-05	2.03E-02	4.69E-08	4.68E-02	6.95E-07	2.55E-05
444772.99	3747185.77	1.53E+04	2.18E-05	1.91E-02	4.42E-08	4.44E-02	6.58E-07	2.25E-05
444872.99	3747185.77	1.37E+04	1.95E-05	1.80E-02	4.16E-08	4.21E-02	6.25E-07	2.02E-05
444972.99	3747185.77	1.24E+04	1.77E-05	1.71E-02	3.95E-08	3.98E-02	5.90E-07	1.83E-05
445072.99	3747185.77	1.13E+04	1.62E-05	1.64E-02	3.78E-08	3.74E-02	5.55E-07	1.68E-05
445172.99	3747185.77	1.04E+04	1.49E-05	1.58E-02	3.66E-08	3.54E-02	5.26E-07	1.55E-05
445272.99	3747185.77	9.72E+03	1.39E-05	1.55E-02	3.57E-08	3.38E-02	5.01E-07	1.44E-05
445372.99	3747185.77	9.04E+03	1.29E-05	1.51E-02	3.49E-08	3.20E-02	4.75E-07	1.34E-05
445472.99	3747185.77	8.44E+03	1.20E-05	1.47E-02	3.40E-08	3.03E-02	4.50E-07	1.25E-05
445572.99	3747185.77	7.91E+03	1.13E-05	1.44E-02	3.31E-08	2.87E-02	4.25E-07	1.17E-05
444172.99	3747285.77	7.69E+04	1.10E-04	2.56E-02	5.92E-08	7.91E-02	1.17E-06	1.11E-04
444272.99	3747285.77	5.21E+04	7.43E-05	2.54E-02	5.87E-08	7.29E-02	1.08E-06	7.54E-05
444372.99	3747285.77	3.83E+04	5.46E-05	2.47E-02	5.71E-08	6.72E-02	9.97E-07	5.57E-05
444472.99	3747285.77	2.99E+04	4.26E-05	2.36E-02	5.45E-08	6.19E-02	9.19E-07	4.36E-05
444572.99	3747285.77	2.44E+04	3.48E-05	2.23E-02	5.14E-08	5.74E-02	8.52E-07	3.57E-05
444672.99	3747285.77	2.05E+04	2.92E-05	2.08E-02	4.81E-08	5.36E-02	7.96E-07	3.00E-05
444772.99	3747285.77	1.76E+04	2.51E-05	1.95E-02	4.50E-08	5.03E-02	7.46E-07	2.59E-05
444872.99	3747285.77	1.55E+04	2.20E-05	1.84E-02	4.25E-08	4.71E-02	6.99E-07	2.28E-05
444972.99	3747285.77	1.37E+04	1.96E-05	1.75E-02	4.05E-08	4.38E-02	6.50E-07	2.03E-05
445072.99	3747285.77	1.24E+04	1.77E-05	1.69E-02	3.91E-08	4.10E-02	6.08E-07	1.83E-05
445172.99	3747285.77	1.13E+04	1.61E-05	1.65E-02	3.81E-08	3.86E-02	5.72E-07	1.67E-05
445272.99	3747285.77	1.04E+04	1.48E-05	1.61E-02	3.72E-08	3.64E-02	5.40E-07	1.54E-05
445372.99	3747285.77	9.60E+03	1.37E-05	1.57E-02	3.63E-08	3.43E-02	5.09E-07	1.42E-05
445472.99	3747285.77	8.93E+03	1.27E-05	1.53E-02	3.52E-08	3.23E-02	4.79E-07	1.32E-05
445572.99	3747285.77	8.35E+03	1.19E-05	1.48E-02	3.41E-08	3.04E-02	4.51E-07	1.24E-05
444172.99	3747385.77	1.14E+05	1.63E-04	2.78E-02	6.41E-08	1.00E-01	1.48E-06	1.64E-04
444272.99	3747385.77	7.15E+04	1.02E-04	2.72E-02	6.27E-08	8.98E-02	1.33E-06	1.03E-04
444372.99	3747385.77	5.00E+04	7.12E-05	2.61E-02	6.02E-08	8.13E-02	1.21E-06	7.25E-05
444472.99	3747385.77	3.76E+04	5.36E-05	2.46E-02	5.69E-08	7.40E-02	1.10E-06	5.48E-05
444572.99	3747385.77	2.99E+04	4.27E-05	2.31E-02	5.34E-08	6.82E-02	1.01E-06	4.38E-05
444672.99	3747385.77	2.38E+04	3.39E-05	2.12E-02	4.91E-08	6.18E-02	9.16E-07	3.49E-05

444772.99	3747385.77	1.99E+04	2.84E-05	1.99E-02	4.60E-08	5.71E-02	8.46E-07	2.93E-05
444872.99	3747385.77	1.71E+04	2.44E-05	1.89E-02	4.37E-08	5.25E-02	7.79E-07	2.52E-05
444972.99	3747385.77	1.50E+04	2.14E-05	1.82E-02	4.20E-08	4.84E-02	7.18E-07	2.22E-05
445072.99	3747385.77	1.34E+04	1.90E-05	1.77E-02	4.08E-08	4.48E-02	6.65E-07	1.97E-05
445172.99	3747385.77	1.21E+04	1.72E-05	1.72E-02	3.97E-08	4.19E-02	6.21E-07	1.78E-05
445272.99	3747385.77	1.10E+04	1.57E-05	1.67E-02	3.86E-08	3.92E-02	5.81E-07	1.63E-05
445372.99	3747385.77	1.02E+04	1.45E-05	1.62E-02	3.75E-08	3.67E-02	5.45E-07	1.51E-05
445472.99	3747385.77	9.43E+03	1.34E-05	1.57E-02	3.62E-08	3.44E-02	5.10E-07	1.40E-05
445572.99	3747385.77	8.80E+03	1.25E-05	1.51E-02	3.49E-08	3.22E-02	4.77E-07	1.31E-05
444172.99	3747485.77	1.52E+05	2.16E-04	3.00E-02	6.94E-08	1.34E-01	1.98E-06	2.19E-04
444272.99	3747485.77	8.94E+04	1.27E-04	2.88E-02	6.65E-08	1.14E-01	1.70E-06	1.29E-04
444372.99	3747485.77	6.14E+04	8.75E-05	2.73E-02	6.31E-08	1.02E-01	1.51E-06	8.91E-05
444472.99	3747485.77	4.46E+04	6.36E-05	2.54E-02	5.87E-08	8.98E-02	1.33E-06	6.50E-05
444572.99	3747485.77	3.36E+04	4.78E-05	2.34E-02	5.39E-08	7.94E-02	1.18E-06	4.91E-05
444672.99	3747485.77	2.65E+04	3.78E-05	2.17E-02	5.00E-08	7.12E-02	1.06E-06	3.89E-05
444772.99	3747485.77	2.19E+04	3.13E-05	2.05E-02	4.74E-08	6.48E-02	9.61E-07	3.23E-05
444872.99	3747485.77	1.86E+04	2.65E-05	1.97E-02	4.54E-08	5.87E-02	8.70E-07	2.74E-05
444972.99	3747485.77	1.61E+04	2.30E-05	1.90E-02	4.40E-08	5.35E-02	7.94E-07	2.39E-05
445072.99	3747485.77	1.42E+04	2.03E-05	1.85E-02	4.26E-08	4.92E-02	7.30E-07	2.11E-05
445172.99	3747485.77	1.28E+04	1.82E-05	1.79E-02	4.12E-08	4.55E-02	6.75E-07	1.89E-05
445272.99	3747485.77	1.16E+04	1.66E-05	1.73E-02	3.98E-08	4.22E-02	6.27E-07	1.73E-05
445372.99	3747485.77	1.07E+04	1.53E-05	1.67E-02	3.85E-08	3.92E-02	5.82E-07	1.59E-05
445472.99	3747485.77	9.96E+03	1.42E-05	1.61E-02	3.72E-08	3.66E-02	5.42E-07	1.48E-05
445572.99	3747485.77	9.33E+03	1.33E-05	1.57E-02	3.62E-08	3.42E-02	5.07E-07	1.38E-05
444172.99	3747585.77	1.82E+05	2.59E-04	3.23E-02	7.47E-08	1.87E-01	2.77E-06	2.62E-04
444272.99	3747585.77	1.01E+05	1.44E-04	3.03E-02	7.00E-08	1.51E-01	2.24E-06	1.46E-04
444372.99	3747585.77	6.79E+04	9.67E-05	2.83E-02	6.54E-08	1.28E-01	1.90E-06	9.87E-05
444472.99	3747585.77	4.82E+04	6.87E-05	2.60E-02	6.01E-08	1.09E-01	1.61E-06	7.04E-05
444572.99	3747585.77	3.57E+04	5.09E-05	2.38E-02	5.50E-08	9.31E-02	1.38E-06	5.23E-05
444672.99	3747585.77	2.84E+04	4.04E-05	2.24E-02	5.18E-08	8.25E-02	1.22E-06	4.17E-05
444772.99	3747585.77	2.34E+04	3.33E-05	2.14E-02	4.95E-08	7.37E-02	1.09E-06	3.45E-05
444872.99	3747585.77	1.97E+04	2.81E-05	2.06E-02	4.77E-08	6.58E-02	9.75E-07	2.91E-05
444972.99	3747585.77	1.70E+04	2.43E-05	1.99E-02	4.60E-08	5.92E-02	8.79E-07	2.52E-05
445072.99	3747585.77	1.51E+04	2.15E-05	1.92E-02	4.44E-08	5.41E-02	8.03E-07	2.23E-05
445172.99	3747585.77	1.35E+04	1.92E-05	1.85E-02	4.27E-08	4.95E-02	7.35E-07	2.00E-05
445272.99	3747585.77	1.23E+04	1.75E-05	1.78E-02	4.11E-08	4.56E-02	6.76E-07	1.82E-05
445372.99	3747585.77	1.13E+04	1.61E-05	1.73E-02	3.99E-08	4.21E-02	6.24E-07	1.68E-05
445472.99	3747585.77	1.05E+04	1.50E-05	1.69E-02	3.89E-08	3.89E-02	5.77E-07	1.56E-05
445572.99	3747585.77	9.89E+03	1.41E-05	1.67E-02	3.85E-08	3.64E-02	5.39E-07	1.47E-05
444172.99	3747685.77	1.59E+05	2.26E-04	3.47E-02	8.02E-08	2.63E-01	3.90E-06	2.30E-04
444272.99	3747685.77	9.65E+04	1.38E-04	3.19E-02	7.38E-08	1.99E-01	2.96E-06	1.41E-04
444372.99	3747685.77	6.57E+04	9.37E-05	2.93E-02	6.76E-08	1.60E-01	2.37E-06	9.61E-05
444472.99	3747685.77	4.71E+04	6.71E-05	2.66E-02	6.15E-08	1.30E-01	1.93E-06	6.91E-05
444572.99	3747685.77	3.58E+04	5.10E-05	2.47E-02	5.70E-08	1.09E-01	1.62E-06	5.26E-05
444672.99	3747685.77	2.87E+04	4.09E-05	2.35E-02	5.42E-08	9.48E-02	1.41E-06	4.24E-05
444772.99	3747685.77	2.38E+04	3.39E-05	2.25E-02	5.19E-08	8.30E-02	1.23E-06	3.52E-05
444872.99	3747685.77	2.03E+04	2.90E-05	2.16E-02	5.00E-08	7.34E-02	1.09E-06	3.01E-05
444972.99	3747685.77	1.77E+04	2.52E-05	2.08E-02	4.79E-08	6.55E-02	9.72E-07	2.62E-05
445072.99	3747685.77	1.57E+04	2.24E-05	2.00E-02	4.61E-08	5.93E-02	8.79E-07	2.33E-05

445172.99	3747685.77	1.41E+04	2.02E-05	1.93E-02	4.45E-08	5.39E-02	7.99E-07	2.10E-05
445272.99	3747685.77	1.29E+04	1.84E-05	1.87E-02	4.32E-08	4.90E-02	7.27E-07	1.92E-05
445372.99	3747685.77	1.19E+04	1.69E-05	1.83E-02	4.24E-08	4.49E-02	6.66E-07	1.76E-05
445472.99	3747685.77	1.10E+04	1.57E-05	1.81E-02	4.19E-08	4.14E-02	6.14E-07	1.64E-05
445572.99	3747685.77	1.03E+04	1.48E-05	1.80E-02	4.17E-08	3.85E-02	5.71E-07	1.54E-05
444172.99	3747785.77	1.17E+05	1.66E-04	3.67E-02	8.48E-08	3.47E-01	5.15E-06	1.72E-04
444272.99	3747785.77	7.80E+04	1.11E-04	3.33E-02	7.70E-08	2.50E-01	3.70E-06	1.15E-04
444372.99	3747785.77	5.76E+04	8.20E-05	3.06E-02	7.07E-08	1.94E-01	2.87E-06	8.50E-05
444472.99	3747785.77	4.27E+04	6.09E-05	2.78E-02	6.42E-08	1.53E-01	2.27E-06	6.33E-05
444572.99	3747785.77	3.37E+04	4.81E-05	2.60E-02	6.01E-08	1.27E-01	1.88E-06	5.00E-05
444672.99	3747785.77	2.77E+04	3.95E-05	2.47E-02	5.71E-08	1.08E-01	1.60E-06	4.12E-05
444772.99	3747785.77	2.37E+04	3.37E-05	2.37E-02	5.47E-08	9.31E-02	1.38E-06	3.51E-05
444872.99	3747785.77	2.05E+04	2.92E-05	2.27E-02	5.23E-08	8.13E-02	1.21E-06	3.04E-05
444972.99	3747785.77	1.80E+04	2.57E-05	2.17E-02	5.02E-08	7.20E-02	1.07E-06	2.68E-05
445072.99	3747785.77	1.61E+04	2.29E-05	2.10E-02	4.84E-08	6.43E-02	9.54E-07	2.39E-05
445172.99	3747785.77	1.46E+04	2.09E-05	2.05E-02	4.74E-08	5.80E-02	8.60E-07	2.18E-05
445272.99	3747785.77	1.34E+04	1.91E-05	2.02E-02	4.67E-08	5.24E-02	7.78E-07	1.99E-05
445372.99	3747785.77	1.24E+04	1.76E-05	2.00E-02	4.62E-08	4.77E-02	7.08E-07	1.84E-05
445472.99	3747785.77	1.15E+04	1.64E-05	1.99E-02	4.60E-08	4.39E-02	6.51E-07	1.71E-05
445572.99	3747785.77	1.07E+04	1.53E-05	1.98E-02	4.58E-08	4.07E-02	6.04E-07	1.59E-05
444172.99	3747885.77	8.14E+04	1.16E-04	3.86E-02	8.92E-08	3.99E-01	5.92E-06	1.22E-04
444272.99	3747885.77	5.93E+04	8.46E-05	3.50E-02	8.07E-08	2.87E-01	4.26E-06	8.89E-05
444372.99	3747885.77	4.64E+04	6.62E-05	3.21E-02	7.41E-08	2.21E-01	3.27E-06	6.95E-05
444472.99	3747885.77	3.70E+04	5.27E-05	2.96E-02	6.82E-08	1.75E-01	2.60E-06	5.54E-05
444572.99	3747885.77	3.03E+04	4.32E-05	2.75E-02	6.35E-08	1.42E-01	2.11E-06	4.54E-05
444672.99	3747885.77	2.61E+04	3.72E-05	2.62E-02	6.04E-08	1.20E-01	1.78E-06	3.90E-05
444772.99	3747885.77	2.29E+04	3.26E-05	2.50E-02	5.78E-08	1.03E-01	1.53E-06	3.42E-05
444872.99	3747885.77	2.02E+04	2.88E-05	2.40E-02	5.55E-08	8.91E-02	1.32E-06	3.02E-05
444972.99	3747885.77	1.80E+04	2.57E-05	2.33E-02	5.37E-08	7.82E-02	1.16E-06	2.69E-05
445072.99	3747885.77	1.63E+04	2.32E-05	2.28E-02	5.25E-08	6.91E-02	1.03E-06	2.43E-05
445172.99	3747885.77	1.50E+04	2.13E-05	2.25E-02	5.20E-08	6.18E-02	9.17E-07	2.23E-05
445272.99	3747885.77	1.38E+04	1.96E-05	2.24E-02	5.17E-08	5.57E-02	8.26E-07	2.05E-05
445372.99	3747885.77	1.27E+04	1.81E-05	2.22E-02	5.13E-08	5.07E-02	7.51E-07	1.89E-05
445472.99	3747885.77	1.18E+04	1.68E-05	2.19E-02	5.07E-08	4.64E-02	6.89E-07	1.75E-05
445572.99	3747885.77	1.09E+04	1.56E-05	2.16E-02	4.99E-08	4.29E-02	6.37E-07	1.63E-05
444172.99	3747985.77	5.59E+04	7.97E-05	4.20E-02	9.70E-08	4.11E-01	6.09E-06	8.59E-05
444272.99	3747985.77	4.46E+04	6.35E-05	3.70E-02	8.55E-08	3.08E-01	4.57E-06	6.82E-05
444372.99	3747985.77	3.66E+04	5.21E-05	3.35E-02	7.73E-08	2.39E-01	3.54E-06	5.57E-05
444472.99	3747985.77	3.12E+04	4.45E-05	3.11E-02	7.18E-08	1.90E-01	2.82E-06	4.74E-05
444572.99	3747985.77	2.74E+04	3.90E-05	2.94E-02	6.78E-08	1.57E-01	2.33E-06	4.14E-05
444672.99	3747985.77	2.43E+04	3.46E-05	2.80E-02	6.46E-08	1.32E-01	1.96E-06	3.67E-05
444772.99	3747985.77	2.18E+04	3.11E-05	2.70E-02	6.23E-08	1.12E-01	1.66E-06	3.28E-05
444872.99	3747985.77	1.97E+04	2.81E-05	2.63E-02	6.06E-08	9.68E-02	1.44E-06	2.96E-05
444972.99	3747985.77	1.79E+04	2.56E-05	2.57E-02	5.94E-08	8.42E-02	1.25E-06	2.69E-05
445072.99	3747985.77	1.64E+04	2.34E-05	2.54E-02	5.87E-08	7.40E-02	1.10E-06	2.45E-05
445172.99	3747985.77	1.50E+04	2.14E-05	2.51E-02	5.79E-08	6.55E-02	9.72E-07	2.25E-05
445272.99	3747985.77	1.39E+04	1.98E-05	2.48E-02	5.72E-08	5.90E-02	8.75E-07	2.07E-05
445372.99	3747985.77	1.28E+04	1.83E-05	2.43E-02	5.61E-08	5.35E-02	7.94E-07	1.91E-05
445472.99	3747985.77	1.19E+04	1.69E-05	2.37E-02	5.46E-08	4.90E-02	7.26E-07	1.77E-05

445572.99	3747985.77	1.10E+04	1.57E-05	2.29E-02	5.30E-08	4.51E-02	6.69E-07	1.64E-05
444172.99	3748085.77	4.50E+04	6.42E-05	4.40E-02	1.02E-07	4.61E-01	6.83E-06	7.11E-05
444272.99	3748085.77	3.70E+04	5.27E-05	3.89E-02	8.98E-08	3.37E-01	5.00E-06	5.78E-05
444372.99	3748085.77	3.19E+04	4.55E-05	3.57E-02	8.25E-08	2.61E-01	3.87E-06	4.95E-05
444472.99	3748085.77	2.83E+04	4.04E-05	3.36E-02	7.76E-08	2.09E-01	3.10E-06	4.36E-05
444572.99	3748085.77	2.55E+04	3.63E-05	3.20E-02	7.39E-08	1.72E-01	2.55E-06	3.89E-05
444672.99	3748085.77	2.31E+04	3.29E-05	3.09E-02	7.13E-08	1.44E-01	2.13E-06	3.51E-05
444772.99	3748085.77	2.11E+04	3.01E-05	3.01E-02	6.96E-08	1.22E-01	1.80E-06	3.20E-05
444872.99	3748085.77	1.94E+04	2.76E-05	2.96E-02	6.83E-08	1.04E-01	1.55E-06	2.93E-05
444972.99	3748085.77	1.77E+04	2.53E-05	2.90E-02	6.69E-08	9.00E-02	1.33E-06	2.67E-05
445072.99	3748085.77	1.63E+04	2.32E-05	2.84E-02	6.55E-08	7.85E-02	1.16E-06	2.44E-05
445172.99	3748085.77	1.50E+04	2.13E-05	2.76E-02	6.38E-08	6.95E-02	1.03E-06	2.24E-05
445272.99	3748085.77	1.38E+04	1.97E-05	2.68E-02	6.19E-08	6.23E-02	9.24E-07	2.07E-05
445372.99	3748085.77	1.28E+04	1.82E-05	2.59E-02	5.98E-08	5.64E-02	8.37E-07	1.91E-05
445472.99	3748085.77	1.18E+04	1.69E-05	2.49E-02	5.74E-08	5.15E-02	7.64E-07	1.77E-05
445572.99	3748085.77	1.10E+04	1.57E-05	2.38E-02	5.50E-08	4.73E-02	7.01E-07	1.64E-05
444172.99	3748185.77	5.09E+04	7.26E-05	4.68E-02	1.08E-07	6.06E-01	8.98E-06	8.17E-05
444272.99	3748185.77	3.90E+04	5.56E-05	4.24E-02	9.79E-08	4.08E-01	6.05E-06	6.17E-05
444372.99	3748185.77	3.25E+04	4.63E-05	3.95E-02	9.13E-08	3.02E-01	4.48E-06	5.09E-05
444472.99	3748185.77	2.84E+04	4.04E-05	3.76E-02	8.69E-08	2.36E-01	3.51E-06	4.40E-05
444572.99	3748185.77	2.54E+04	3.62E-05	3.63E-02	8.37E-08	1.92E-01	2.84E-06	3.91E-05
444672.99	3748185.77	2.29E+04	3.27E-05	3.52E-02	8.12E-08	1.57E-01	2.34E-06	3.51E-05
444772.99	3748185.77	2.09E+04	2.97E-05	3.42E-02	7.89E-08	1.31E-01	1.95E-06	3.18E-05
444872.99	3748185.77	1.92E+04	2.73E-05	3.33E-02	7.70E-08	1.12E-01	1.66E-06	2.90E-05
444972.99	3748185.77	1.75E+04	2.49E-05	3.22E-02	7.43E-08	9.57E-02	1.42E-06	2.64E-05
445072.99	3748185.77	1.60E+04	2.28E-05	3.09E-02	7.15E-08	8.32E-02	1.23E-06	2.42E-05
445172.99	3748185.77	1.47E+04	2.10E-05	2.96E-02	6.84E-08	7.36E-02	1.09E-06	2.22E-05
445272.99	3748185.77	1.36E+04	1.94E-05	2.83E-02	6.54E-08	6.58E-02	9.76E-07	2.05E-05
445372.99	3748185.77	1.26E+04	1.80E-05	2.70E-02	6.23E-08	5.94E-02	8.81E-07	1.89E-05
445472.99	3748185.77	1.17E+04	1.67E-05	2.57E-02	5.94E-08	5.40E-02	8.01E-07	1.76E-05
445572.99	3748185.77	1.10E+04	1.56E-05	2.45E-02	5.67E-08	4.95E-02	7.35E-07	1.64E-05
444172.99	3748285.77	6.72E+04	9.58E-05	5.24E-02	1.21E-07	9.89E-01	1.47E-05	1.11E-04
444272.99	3748285.77	4.77E+04	6.80E-05	4.86E-02	1.12E-07	5.63E-01	8.35E-06	7.65E-05
444372.99	3748285.77	3.75E+04	5.34E-05	4.60E-02	1.06E-07	3.84E-01	5.69E-06	5.92E-05
444472.99	3748285.77	3.11E+04	4.44E-05	4.38E-02	1.01E-07	2.83E-01	4.21E-06	4.87E-05
444572.99	3748285.77	2.68E+04	3.82E-05	4.20E-02	9.70E-08	2.21E-01	3.27E-06	4.16E-05
444672.99	3748285.77	2.36E+04	3.36E-05	4.03E-02	9.30E-08	1.76E-01	2.61E-06	3.63E-05
444772.99	3748285.77	2.11E+04	3.01E-05	3.86E-02	8.91E-08	1.44E-01	2.14E-06	3.23E-05
444872.99	3748285.77	1.90E+04	2.71E-05	3.67E-02	8.48E-08	1.20E-01	1.78E-06	2.90E-05
444972.99	3748285.77	1.72E+04	2.46E-05	3.48E-02	8.03E-08	1.02E-01	1.51E-06	2.62E-05
445072.99	3748285.77	1.58E+04	2.25E-05	3.29E-02	7.61E-08	8.84E-02	1.31E-06	2.39E-05
445172.99	3748285.77	1.45E+04	2.07E-05	3.11E-02	7.19E-08	7.78E-02	1.15E-06	2.19E-05
445272.99	3748285.77	1.34E+04	1.92E-05	2.95E-02	6.81E-08	6.93E-02	1.03E-06	2.03E-05
445372.99	3748285.77	1.25E+04	1.78E-05	2.80E-02	6.45E-08	6.24E-02	9.26E-07	1.88E-05
445472.99	3748285.77	1.16E+04	1.66E-05	2.66E-02	6.13E-08	5.67E-02	8.41E-07	1.75E-05
445572.99	3748285.77	1.09E+04	1.55E-05	2.53E-02	5.84E-08	5.18E-02	7.68E-07	1.64E-05
444172.99	3748385.77	8.90E+04	1.27E-04	6.25E-02	1.44E-07	2.71E+00	4.02E-05	1.67E-04
444272.99	3748385.77	5.84E+04	8.32E-05	5.79E-02	1.34E-07	9.34E-01	1.39E-05	9.72E-05
444372.99	3748385.77	4.34E+04	6.18E-05	5.42E-02	1.25E-07	5.32E-01	7.90E-06	6.98E-05

444472.99	3748385.77	3.45E+04	4.92E-05	5.11E-02	1.18E-07	3.60E-01	5.33E-06	5.46E-05
444572.99	3748385.77	2.85E+04	4.06E-05	4.80E-02	1.11E-07	2.61E-01	3.88E-06	4.46E-05
444672.99	3748385.77	2.44E+04	3.48E-05	4.51E-02	1.04E-07	2.00E-01	2.97E-06	3.79E-05
444772.99	3748385.77	2.15E+04	3.06E-05	4.24E-02	9.78E-08	1.59E-01	2.36E-06	3.30E-05
444872.99	3748385.77	1.91E+04	2.72E-05	3.96E-02	9.14E-08	1.30E-01	1.93E-06	2.92E-05
444972.99	3748385.77	1.71E+04	2.44E-05	3.69E-02	8.52E-08	1.09E-01	1.62E-06	2.61E-05
445072.99	3748385.77	1.57E+04	2.23E-05	3.46E-02	7.99E-08	9.41E-02	1.40E-06	2.38E-05
445172.99	3748385.77	1.44E+04	2.05E-05	3.25E-02	7.49E-08	8.23E-02	1.22E-06	2.18E-05
445272.99	3748385.77	1.33E+04	1.89E-05	3.06E-02	7.07E-08	7.30E-02	1.08E-06	2.01E-05
445372.99	3748385.77	1.24E+04	1.76E-05	2.90E-02	6.69E-08	6.55E-02	9.71E-07	1.87E-05
445472.99	3748385.77	1.16E+04	1.65E-05	2.75E-02	6.36E-08	5.91E-02	8.77E-07	1.74E-05
445572.99	3748385.77	1.08E+04	1.54E-05	2.61E-02	6.03E-08	5.37E-02	7.96E-07	1.63E-05
444172.99	3748485.77	8.97E+04	1.28E-04	7.52E-02	1.74E-07	5.06E+00	7.51E-05	2.03E-04
444272.99	3748485.77	6.21E+04	8.86E-05	6.87E-02	1.59E-07	2.14E+00	3.18E-05	1.21E-04
444372.99	3748485.77	4.66E+04	6.64E-05	6.35E-02	1.47E-07	8.34E-01	1.24E-05	7.89E-05
444472.99	3748485.77	3.65E+04	5.21E-05	5.84E-02	1.35E-07	4.82E-01	7.14E-06	5.93E-05
444572.99	3748485.77	2.98E+04	4.25E-05	5.37E-02	1.24E-07	3.20E-01	4.75E-06	4.74E-05
444672.99	3748485.77	2.51E+04	3.58E-05	4.94E-02	1.14E-07	2.31E-01	3.43E-06	3.94E-05
444772.99	3748485.77	2.17E+04	3.09E-05	4.54E-02	1.05E-07	1.77E-01	2.62E-06	3.37E-05
444872.99	3748485.77	1.92E+04	2.74E-05	4.21E-02	9.71E-08	1.42E-01	2.11E-06	2.96E-05
444972.99	3748485.77	1.72E+04	2.45E-05	3.90E-02	9.00E-08	1.18E-01	1.75E-06	2.63E-05
445072.99	3748485.77	1.55E+04	2.21E-05	3.62E-02	8.36E-08	1.00E-01	1.49E-06	2.37E-05
445172.99	3748485.77	1.42E+04	2.03E-05	3.39E-02	7.84E-08	8.71E-02	1.29E-06	2.17E-05
445272.99	3748485.77	1.31E+04	1.87E-05	3.19E-02	7.36E-08	7.65E-02	1.13E-06	1.99E-05
445372.99	3748485.77	1.22E+04	1.74E-05	3.02E-02	6.97E-08	6.80E-02	1.01E-06	1.85E-05
445472.99	3748485.77	1.14E+04	1.62E-05	2.86E-02	6.60E-08	6.09E-02	9.03E-07	1.72E-05
445572.99	3748485.77	1.07E+04	1.52E-05	2.71E-02	6.27E-08	5.49E-02	8.15E-07	1.61E-05
443047.86	3748855.7	2.10E+05	2.99E-04	1.17E+00	2.70E-06	3.90E-02	5.78E-07	3.03E-04
443030.11	3748868.74	2.03E+05	2.89E-04	9.90E-01	2.29E-06	3.80E-02	5.63E-07	2.92E-04
443016.91	3748884.58	2.20E+05	3.14E-04	8.80E-01	2.03E-06	3.71E-02	5.50E-07	3.16E-04
442999.31	3748898.66	2.11E+05	3.01E-04	7.62E-01	1.76E-06	3.61E-02	5.36E-07	3.03E-04
442983.47	3748918.02	2.20E+05	3.14E-04	6.70E-01	1.55E-06	3.51E-02	5.21E-07	3.16E-04
442962.35	3748934.74	2.02E+05	2.88E-04	5.75E-01	1.33E-06	3.41E-02	5.06E-07	2.90E-04
442947.39	3748948.82	1.93E+05	2.75E-04	5.17E-01	1.19E-06	3.34E-02	4.95E-07	2.76E-04
442935.07	3748963.78	1.92E+05	2.74E-04	4.73E-01	1.09E-06	3.27E-02	4.86E-07	2.76E-04
442916.59	3748985.78	1.94E+05	2.77E-04	4.15E-01	9.58E-07	3.17E-02	4.70E-07	2.78E-04
442898.98	3749001.62	1.77E+05	2.52E-04	3.70E-01	8.54E-07	3.09E-02	4.59E-07	2.54E-04
442881.38	3749017.46	1.55E+05	2.21E-04	3.32E-01	7.67E-07	3.03E-02	4.49E-07	2.23E-04
442868.18	3749033.31	1.42E+05	2.03E-04	3.05E-01	7.04E-07	2.97E-02	4.40E-07	2.04E-04
442854.1	3749046.51	1.20E+05	1.71E-04	2.81E-01	6.49E-07	2.92E-02	4.32E-07	1.72E-04
442832.98	3749062.35	8.65E+04	1.23E-04	2.51E-01	5.80E-07	2.85E-02	4.22E-07	1.24E-04
442816.26	3749081.71	6.54E+04	9.32E-05	2.28E-01	5.27E-07	2.78E-02	4.13E-07	9.41E-05
442801.3	3749094.91	5.17E+04	7.37E-05	2.11E-01	4.88E-07	2.73E-02	4.06E-07	7.46E-05
442780.18	3749111.63	3.93E+04	5.60E-05	1.91E-01	4.41E-07	2.67E-02	3.96E-07	5.69E-05
442764.34	3749127.47	3.27E+04	4.66E-05	1.77E-01	4.08E-07	2.62E-02	3.89E-07	4.74E-05
442750.26	3749130.11	2.97E+04	4.23E-05	1.69E-01	3.89E-07	2.60E-02	3.85E-07	4.31E-05
442722.1	3749138.03	2.48E+04	3.53E-05	1.54E-01	3.55E-07	2.55E-02	3.78E-07	3.60E-05
442705.38	3749146.83	2.24E+04	3.19E-05	1.45E-01	3.34E-07	2.51E-02	3.72E-07	3.26E-05
442678.1	3749144.19	2.02E+04	2.88E-05	1.35E-01	3.11E-07	2.48E-02	3.68E-07	2.95E-05

442659.62	3749147.71	1.88E+04	2.68E-05	1.28E-01	2.95E-07	2.45E-02	3.63E-07	2.74E-05
442638.49	3749145.07	1.76E+04	2.51E-05	1.22E-01	2.81E-07	2.42E-02	3.59E-07	2.57E-05
442662.26	3749101.07	2.08E+04	2.96E-05	1.37E-01	3.16E-07	2.52E-02	3.74E-07	3.03E-05
442694.82	3749095.79	2.41E+04	3.43E-05	1.51E-01	3.48E-07	2.58E-02	3.83E-07	3.51E-05
442709.78	3749094.03	2.60E+04	3.70E-05	1.58E-01	3.65E-07	2.60E-02	3.86E-07	3.78E-05
442730.02	3749086.99	2.94E+04	4.19E-05	1.70E-01	3.92E-07	2.65E-02	3.93E-07	4.27E-05
442752.02	3749068.51	3.50E+04	4.99E-05	1.87E-01	4.31E-07	2.72E-02	4.03E-07	5.07E-05
442796.9	3749035.95	5.10E+04	7.27E-05	2.29E-01	5.28E-07	2.85E-02	4.23E-07	7.36E-05
442817.14	3749007.78	5.80E+04	8.26E-05	2.57E-01	5.93E-07	2.95E-02	4.37E-07	8.36E-05
442845.3	3748987.54	7.17E+04	1.02E-04	2.96E-01	6.83E-07	3.04E-02	4.52E-07	1.03E-04
442865.54	3748973.46	8.30E+04	1.18E-04	3.29E-01	7.60E-07	3.11E-02	4.62E-07	1.20E-04
442840.9	3748956.74	6.05E+04	8.62E-05	2.97E-01	6.87E-07	3.11E-02	4.61E-07	8.74E-05
442888.42	3748944.42	8.67E+04	1.24E-04	3.76E-01	8.69E-07	3.23E-02	4.80E-07	1.25E-04
442871.7	3748932.1	6.94E+04	9.89E-05	3.48E-01	8.03E-07	3.23E-02	4.79E-07	1.00E-04
442872.58	3748910.98	6.33E+04	9.02E-05	3.52E-01	8.12E-07	3.28E-02	4.87E-07	9.15E-05
442880.5	3748896.9	6.29E+04	8.97E-05	3.67E-01	8.47E-07	3.34E-02	4.95E-07	9.10E-05
442906.02	3748895.14	7.53E+04	1.07E-04	4.20E-01	9.71E-07	3.40E-02	5.04E-07	1.09E-04
442925.39	3748905.7	9.35E+04	1.33E-04	4.68E-01	1.08E-06	3.42E-02	5.07E-07	1.35E-04
442928.03	3748871.38	7.65E+04	1.09E-04	4.75E-01	1.10E-06	3.52E-02	5.22E-07	1.11E-04
442942.99	3748881.94	9.23E+04	1.32E-04	5.21E-01	1.20E-06	3.53E-02	5.23E-07	1.33E-04
442959.71	3748871.38	9.82E+04	1.40E-04	5.80E-01	1.34E-06	3.60E-02	5.34E-07	1.42E-04
442923.63	3748842.34	6.29E+04	8.97E-05	4.55E-01	1.05E-06	3.59E-02	5.33E-07	9.13E-05
442937.71	3748821.22	6.07E+04	8.65E-05	4.82E-01	1.11E-06	3.69E-02	5.48E-07	8.81E-05
442971.15	3748822.98	7.49E+04	1.07E-04	6.03E-01	1.39E-06	3.78E-02	5.61E-07	1.09E-04
442986.11	3748841.46	9.58E+04	1.37E-04	6.88E-01	1.59E-06	3.76E-02	5.58E-07	1.39E-04
442985.23	3748812.42	7.59E+04	1.08E-04	6.55E-01	1.51E-06	3.86E-02	5.72E-07	1.10E-04
443001.95	3748822.1	9.04E+04	1.29E-04	7.56E-01	1.75E-06	3.88E-02	5.75E-07	1.31E-04
443063.55	3748836.18	1.86E+05	2.65E-04	1.37E+00	3.16E-06	4.02E-02	5.96E-07	2.68E-04
443064.43	3748815.06	1.39E+05	1.98E-04	1.35E+00	3.11E-06	4.10E-02	6.07E-07	2.01E-04
443051.23	3748791.3	9.97E+04	1.42E-04	1.11E+00	2.56E-06	4.12E-02	6.12E-07	1.45E-04
443003.71	3748799.22	7.66E+04	1.09E-04	7.31E-01	1.69E-06	3.96E-02	5.88E-07	1.11E-04
442974.67	3748795.7	6.40E+04	9.12E-05	5.85E-01	1.35E-06	3.88E-02	5.76E-07	9.31E-05
443038.91	3748779.86	8.37E+04	1.19E-04	9.46E-01	2.19E-06	4.13E-02	6.12E-07	1.22E-04
443027.47	3748759.61	6.80E+04	9.69E-05	7.86E-01	1.81E-06	4.17E-02	6.18E-07	9.94E-05
443023.95	3748743.77	6.15E+04	8.76E-05	7.14E-01	1.65E-06	4.21E-02	6.24E-07	8.99E-05
443008.99	3748724.41	5.28E+04	7.53E-05	5.87E-01	1.36E-06	4.22E-02	6.26E-07	7.73E-05
443008.99	3748702.41	4.88E+04	6.96E-05	5.38E-01	1.24E-06	4.29E-02	6.37E-07	7.15E-05
443097.87	3748795.7	1.45E+05	2.06E-04	1.95E+00	4.51E-06	4.27E-02	6.34E-07	2.11E-04
443090.83	3748778.98	1.13E+05	1.60E-04	1.65E+00	3.80E-06	4.30E-02	6.38E-07	1.65E-04
443071.47	3748764.01	8.97E+04	1.28E-04	1.22E+00	2.82E-06	4.28E-02	6.35E-07	1.31E-04
443064.43	3748742.01	7.51E+04	1.07E-04	1.01E+00	2.34E-06	4.33E-02	6.42E-07	1.10E-04
443051.23	3748723.53	6.49E+04	9.25E-05	8.22E-01	1.90E-06	4.34E-02	6.43E-07	9.51E-05
443042.43	3748707.69	5.81E+04	8.28E-05	7.07E-01	1.63E-06	4.37E-02	6.48E-07	8.51E-05
443042.43	3748691.85	5.46E+04	7.78E-05	6.53E-01	1.51E-06	4.42E-02	6.56E-07	7.99E-05
443141.87	3748742.01	9.25E+04	1.32E-04	2.29E+00	5.30E-06	4.66E-02	6.91E-07	1.38E-04
443121.63	3748726.17	7.98E+04	1.14E-04	1.53E+00	3.54E-06	4.63E-02	6.87E-07	1.18E-04
443107.55	3748705.05	6.92E+04	9.87E-05	1.12E+00	2.58E-06	4.65E-02	6.89E-07	1.02E-04
443088.19	3748676.01	5.88E+04	8.38E-05	7.89E-01	1.82E-06	4.66E-02	6.92E-07	8.63E-05
443145.39	3748708.57	7.63E+04	1.09E-04	1.53E+00	3.54E-06	4.82E-02	7.15E-07	1.13E-04

443176.19	3748679.53	7.29E+04	1.04E-04	1.24E+00	2.85E-06	5.11E-02	7.58E-07	1.08E-04
443103.15	3748670.73	5.98E+04	8.53E-05	8.25E-01	1.91E-06	4.76E-02	7.05E-07	8.79E-05
443230.76	3748790.42	1.31E+05	1.87E-04	1.86E+01	4.30E-05	4.93E-02	7.32E-07	2.30E-04
443242.2	3748767.54	1.15E+05	1.64E-04	6.60E+00	1.52E-05	5.11E-02	7.58E-07	1.80E-04
443255.4	3748742.89	1.07E+05	1.52E-04	3.31E+00	7.66E-06	5.30E-02	7.86E-07	1.61E-04
443265.08	3748712.97	1.01E+05	1.44E-04	1.92E+00	4.43E-06	5.51E-02	8.17E-07	1.49E-04
443278.28	3748687.45	1.03E+05	1.47E-04	1.35E+00	3.11E-06	5.72E-02	8.49E-07	1.51E-04
443297.64	3748659.29	1.15E+05	1.65E-04	9.57E-01	2.21E-06	6.03E-02	8.94E-07	1.68E-04
443306.44	3748793.94	1.77E+05	2.52E-04	5.90E+00	1.36E-05	5.28E-02	7.84E-07	2.66E-04
443339.88	3748786.02	2.19E+05	3.12E-04	3.56E+00	8.23E-06	5.54E-02	8.21E-07	3.21E-04
443371.56	3748768.42	2.54E+05	3.63E-04	2.14E+00	4.94E-06	5.89E-02	8.73E-07	3.68E-04
443392.68	3748756.97	2.83E+05	4.04E-04	1.63E+00	3.75E-06	6.13E-02	9.09E-07	4.08E-04
443418.2	3748739.37	3.05E+05	4.35E-04	1.18E+00	2.72E-06	6.46E-02	9.59E-07	4.39E-04
443444.6	3748724.41	3.31E+05	4.72E-04	9.19E-01	2.12E-06	6.80E-02	1.01E-06	4.75E-04
443471.89	3748711.21	3.53E+05	5.03E-04	7.31E-01	1.69E-06	7.21E-02	1.07E-06	5.05E-04
443496.53	3748694.49	3.50E+05	4.99E-04	5.90E-01	1.36E-06	7.64E-02	1.13E-06	5.01E-04
443525.57	3748681.29	3.73E+05	5.32E-04	4.93E-01	1.14E-06	8.11E-02	1.20E-06	5.34E-04
443548.45	3748668.09	3.59E+05	5.12E-04	4.20E-01	9.70E-07	8.58E-02	1.27E-06	5.14E-04
443583.65	3748651.37	4.00E+05	5.71E-04	3.45E-01	7.98E-07	9.33E-02	1.38E-06	5.73E-04
443383	3748960.26	1.34E+05	1.90E-04	5.96E+00	1.38E-05	4.94E-02	7.32E-07	2.05E-04
443380.36	3748936.5	1.62E+05	2.31E-04	5.89E+00	1.36E-05	5.04E-02	7.48E-07	2.46E-04
443370.68	3748910.1	2.41E+05	3.43E-04	6.18E+00	1.43E-05	5.13E-02	7.61E-07	3.58E-04
443386.52	3748896.02	3.22E+05	4.60E-04	4.84E+00	1.12E-05	5.30E-02	7.86E-07	4.71E-04
443423.48	3748874.9	3.63E+05	5.18E-04	2.98E+00	6.87E-06	5.67E-02	8.41E-07	5.26E-04
443448.13	3748859.94	3.61E+05	5.15E-04	2.22E+00	5.12E-06	5.94E-02	8.82E-07	5.21E-04
443465.73	3748849.38	3.55E+05	5.06E-04	1.82E+00	4.21E-06	6.15E-02	9.13E-07	5.11E-04
443497.41	3748829.14	3.47E+05	4.95E-04	1.30E+00	3.00E-06	6.58E-02	9.76E-07	4.99E-04
443513.25	3748820.34	3.41E+05	4.85E-04	1.12E+00	2.58E-06	6.80E-02	1.01E-06	4.89E-04
443539.65	3748809.78	3.31E+05	4.72E-04	9.14E-01	2.11E-06	7.15E-02	1.06E-06	4.75E-04
443559.89	3748803.62	3.24E+05	4.62E-04	8.02E-01	1.85E-06	7.42E-02	1.10E-06	4.65E-04
443581.89	3748796.58	3.22E+05	4.59E-04	6.98E-01	1.61E-06	7.73E-02	1.15E-06	4.62E-04
443602.13	3748793.06	3.09E+05	4.41E-04	6.25E-01	1.44E-06	8.02E-02	1.19E-06	4.44E-04
443624.13	3748791.3	2.91E+05	4.15E-04	5.64E-01	1.30E-06	8.34E-02	1.24E-06	4.18E-04
443642.61	3748786.9	2.98E+05	4.25E-04	5.16E-01	1.19E-06	8.64E-02	1.28E-06	4.27E-04
443661.09	3748783.38	2.97E+05	4.23E-04	4.74E-01	1.09E-06	8.96E-02	1.33E-06	4.26E-04
443683.97	3748786.02	2.60E+05	3.71E-04	4.39E-01	1.01E-06	9.31E-02	1.38E-06	3.73E-04
443535.25	3748597.69	4.06E+05	5.78E-04	3.07E-01	7.10E-07	9.33E-02	1.38E-06	5.80E-04
443511.49	3748617.05	3.78E+05	5.39E-04	3.62E-01	8.37E-07	8.70E-02	1.29E-06	5.41E-04
443491.25	3748637.29	3.53E+05	5.03E-04	4.27E-01	9.87E-07	8.19E-02	1.21E-06	5.06E-04
443468.37	3748647.85	3.75E+05	5.35E-04	4.94E-01	1.14E-06	7.78E-02	1.15E-06	5.37E-04
443441.08	3748674.25	2.98E+05	4.25E-04	6.31E-01	1.46E-06	7.25E-02	1.08E-06	4.28E-04
443414.68	3748689.21	2.65E+05	3.78E-04	7.86E-01	1.82E-06	6.85E-02	1.02E-06	3.81E-04
443389.16	3748705.93	2.12E+05	3.03E-04	1.01E+00	2.34E-06	6.47E-02	9.60E-07	3.06E-04
443307.32	3748632.01	1.22E+05	1.74E-04	7.39E-01	1.71E-06	6.29E-02	9.33E-07	1.77E-04
443322.28	3748600.33	1.27E+05	1.82E-04	5.73E-01	1.32E-06	6.66E-02	9.88E-07	1.84E-04
443336.36	3748572.17	1.30E+05	1.85E-04	4.65E-01	1.07E-06	7.03E-02	1.04E-06	1.87E-04
443355.72	3748617.05	2.14E+05	3.05E-04	6.04E-01	1.39E-06	6.80E-02	1.01E-06	3.07E-04
443377.72	3748583.61	2.45E+05	3.49E-04	4.71E-01	1.09E-06	7.29E-02	1.08E-06	3.51E-04
443387.4	3748555.45	2.25E+05	3.20E-04	4.02E-01	9.27E-07	7.67E-02	1.14E-06	3.22E-04

443399.72	3748531.69	2.45E+05	3.49E-04	3.53E-01	8.15E-07	8.04E-02	1.19E-06	3.51E-04
443409.4	3748510.57	2.74E+05	3.91E-04	3.16E-01	7.30E-07	8.38E-02	1.24E-06	3.93E-04
443339.88	3748550.17	1.23E+05	1.76E-04	4.09E-01	9.44E-07	7.25E-02	1.08E-06	1.78E-04
443358.36	3748517.61	1.26E+05	1.80E-04	3.34E-01	7.71E-07	7.78E-02	1.15E-06	1.82E-04
443360.12	3748489.44	1.20E+05	1.71E-04	2.97E-01	6.87E-07	8.07E-02	1.20E-06	1.73E-04
443372.44	3748464.8	1.27E+05	1.81E-04	2.71E-01	6.27E-07	8.45E-02	1.25E-06	1.82E-04
443394.44	3748441.04	1.28E+05	1.82E-04	2.40E-01	5.53E-07	9.10E-02	1.35E-06	1.84E-04
443497.41	3748439.28	3.53E+05	5.04E-04	2.14E-01	4.95E-07	1.09E-01	1.62E-06	5.06E-04
443522.05	3748422.56	2.64E+05	3.77E-04	1.94E-01	4.47E-07	1.19E-01	1.77E-06	3.79E-04
443541.41	3748404.08	2.19E+05	3.12E-04	1.76E-01	4.07E-07	1.29E-01	1.91E-06	3.14E-04
443557.25	3748392.64	2.00E+05	2.84E-04	1.64E-01	3.80E-07	1.37E-01	2.04E-06	2.87E-04
443580.13	3748376.8	1.94E+05	2.77E-04	1.53E-01	3.53E-07	1.50E-01	2.22E-06	2.80E-04
443602.13	3748365.36	1.97E+05	2.81E-04	1.43E-01	3.31E-07	1.63E-01	2.41E-06	2.84E-04
443623.25	3748346	1.88E+05	2.68E-04	1.34E-01	3.09E-07	1.80E-01	2.67E-06	2.71E-04
443653.17	3748335.44	2.16E+05	3.09E-04	1.26E-01	2.91E-07	2.01E-01	2.99E-06	3.12E-04
443671.65	3748321.36	2.12E+05	3.03E-04	1.19E-01	2.76E-07	2.22E-01	3.29E-06	3.06E-04
443508.85	3748368.88	1.29E+05	1.84E-04	1.67E-01	3.86E-07	1.29E-01	1.91E-06	1.86E-04
443479.81	3748380.32	1.28E+05	1.83E-04	1.80E-01	4.16E-07	1.18E-01	1.75E-06	1.85E-04
443526.45	3748355.68	1.24E+05	1.76E-04	1.57E-01	3.63E-07	1.38E-01	2.05E-06	1.79E-04
443548.45	3748339.84	1.20E+05	1.71E-04	1.47E-01	3.38E-07	1.51E-01	2.23E-06	1.73E-04
443571.33	3748324	1.19E+05	1.70E-04	1.38E-01	3.19E-07	1.65E-01	2.45E-06	1.73E-04
443590.69	3748310.8	1.18E+05	1.68E-04	1.31E-01	3.02E-07	1.80E-01	2.67E-06	1.70E-04
443612.69	3748296.72	1.14E+05	1.63E-04	1.22E-01	2.82E-07	2.00E-01	2.96E-06	1.66E-04
443636.45	3748282.64	1.15E+05	1.63E-04	1.15E-01	2.66E-07	2.24E-01	3.33E-06	1.67E-04
443654.93	3748265.92	1.08E+05	1.55E-04	1.08E-01	2.50E-07	2.53E-01	3.75E-06	1.59E-04
443672.53	3748246.56	1.01E+05	1.44E-04	1.02E-01	2.35E-07	2.90E-01	4.30E-06	1.48E-04
443689.25	3748231.6	9.56E+04	1.36E-04	9.61E-02	2.22E-07	3.30E-01	4.90E-06	1.41E-04
443706.85	3748215.75	9.12E+04	1.30E-04	9.11E-02	2.10E-07	3.85E-01	5.71E-06	1.36E-04
443691.02	3748297.6	1.81E+05	2.58E-04	1.10E-01	2.55E-07	2.57E-01	3.81E-06	2.62E-04
443707.74	3748282.64	1.63E+05	2.32E-04	1.03E-01	2.38E-07	2.91E-01	4.32E-06	2.37E-04
443725.34	3748266.8	1.47E+05	2.09E-04	9.57E-02	2.21E-07	3.36E-01	4.98E-06	2.14E-04
443741.18	3748257.12	1.43E+05	2.04E-04	9.08E-02	2.10E-07	3.76E-01	5.58E-06	2.10E-04
443759.66	3748243.03	1.44E+05	2.05E-04	8.76E-02	2.02E-07	4.45E-01	6.60E-06	2.12E-04
443773.74	3748221.03	1.24E+05	1.77E-04	8.26E-02	1.91E-07	5.45E-01	8.09E-06	1.85E-04
443794.86	3748203.43	1.20E+05	1.71E-04	7.86E-02	1.82E-07	7.18E-01	1.07E-05	1.81E-04
443813.34	3748185.83	1.14E+05	1.63E-04	7.57E-02	1.75E-07	1.01E+00	1.49E-05	1.78E-04
443824.78	3748163.83	9.79E+04	1.40E-04	7.27E-02	1.68E-07	1.51E+00	2.24E-05	1.62E-04
443842.38	3748150.63	9.39E+04	1.34E-04	7.05E-02	1.63E-07	2.69E+00	3.99E-05	1.74E-04
443794.86	3748123.35	6.69E+04	9.53E-05	7.12E-02	1.64E-07	1.68E+00	2.49E-05	1.20E-04
443808.06	3748106.63	6.37E+04	9.07E-05	6.93E-02	1.60E-07	3.08E+00	4.57E-05	1.37E-04
443773.74	3748145.35	7.16E+04	1.02E-04	7.49E-02	1.73E-07	9.74E-01	1.45E-05	1.17E-04
443762.3	3748169.11	8.03E+04	1.14E-04	7.86E-02	1.81E-07	7.15E-01	1.06E-05	1.25E-04
443749.1	3748183.19	8.44E+04	1.20E-04	8.16E-02	1.89E-07	5.88E-01	8.72E-06	1.29E-04
443724.46	3748197.27	8.59E+04	1.22E-04	8.64E-02	2.00E-07	4.63E-01	6.87E-06	1.30E-04
443669.01	3748506.17	4.56E+05	6.50E-04	1.68E-01	3.87E-07	1.41E-01	2.10E-06	6.53E-04
443691.02	3748531.69	4.21E+05	6.01E-04	1.68E-01	3.89E-07	1.42E-01	2.10E-06	6.03E-04
443709.5	3748544.89	4.09E+05	5.82E-04	1.68E-01	3.87E-07	1.44E-01	2.14E-06	5.85E-04
443731.5	3748574.81	4.88E+05	6.96E-04	1.79E-01	4.13E-07	1.42E-01	2.11E-06	6.99E-04
443760.54	3748588.01	4.92E+05	7.02E-04	1.78E-01	4.10E-07	1.48E-01	2.19E-06	7.04E-04

443782.54	3748564.25	3.68E+05	5.25E-04	1.57E-01	3.63E-07	1.64E-01	2.44E-06	5.28E-04
443807.18	3748539.61	3.19E+05	4.55E-04	1.40E-01	3.24E-07	1.85E-01	2.75E-06	4.58E-04
443826.54	3748515.85	2.96E+05	4.22E-04	1.28E-01	2.96E-07	2.08E-01	3.08E-06	4.25E-04
443852.94	3748491.21	2.92E+05	4.16E-04	1.16E-01	2.68E-07	2.42E-01	3.59E-06	4.19E-04
443863.5	3748470.09	2.77E+05	3.95E-04	1.09E-01	2.52E-07	2.69E-01	3.99E-06	3.99E-04
443881.98	3748439.28	2.63E+05	3.75E-04	9.93E-02	2.29E-07	3.24E-01	4.80E-06	3.80E-04
443881.1	3748410.24	2.42E+05	3.45E-04	9.41E-02	2.17E-07	3.65E-01	5.41E-06	3.50E-04
443899.59	3748423.44	2.67E+05	3.80E-04	9.39E-02	2.17E-07	3.75E-01	5.56E-06	3.86E-04
443891.66	3748384.72	2.35E+05	3.36E-04	8.86E-02	2.05E-07	4.35E-01	6.46E-06	3.42E-04
443911.07	3748370.97	2.35E+05	3.35E-04	8.42E-02	1.94E-07	5.28E-01	7.84E-06	3.43E-04
443929.51	3748345.54	2.35E+05	3.36E-04	7.92E-02	1.83E-07	7.17E-01	1.06E-05	3.46E-04
443939.05	3748329.01	2.32E+05	3.31E-04	7.63E-02	1.76E-07	9.04E-01	1.34E-05	3.44E-04
443954.95	3748309.93	2.25E+05	3.20E-04	7.27E-02	1.68E-07	1.35E+00	2.00E-05	3.40E-04
443975.29	3748291.49	2.05E+05	2.92E-04	6.87E-02	1.59E-07	2.68E+00	3.98E-05	3.32E-04
443932.69	3748260.34	2.88E+05	4.10E-04	7.06E-02	1.63E-07	2.01E+00	2.97E-05	4.40E-04
443907.9	3748288.95	3.05E+05	4.35E-04	7.63E-02	1.76E-07	9.61E-01	1.43E-05	4.50E-04
443892	3748306.75	2.97E+05	4.24E-04	7.98E-02	1.84E-07	7.12E-01	1.06E-05	4.35E-04
443878.65	3748325.19	2.83E+05	4.04E-04	8.33E-02	1.92E-07	5.67E-01	8.41E-06	4.12E-04
443864.66	3748341.09	2.77E+05	3.95E-04	8.69E-02	2.01E-07	4.72E-01	7.01E-06	4.02E-04
443848.13	3748357.62	2.83E+05	4.04E-04	9.17E-02	2.12E-07	3.95E-01	5.86E-06	4.10E-04
443829.69	3748376.69	2.83E+05	4.04E-04	9.71E-02	2.24E-07	3.33E-01	4.94E-06	4.09E-04
443795.99	3748384.96	3.30E+05	4.71E-04	1.04E-01	2.41E-07	2.81E-01	4.16E-06	4.75E-04
443774.37	3748402.76	3.37E+05	4.81E-04	1.11E-01	2.57E-07	2.45E-01	3.63E-06	4.85E-04
443747.03	3748423.75	3.63E+05	5.17E-04	1.21E-01	2.80E-07	2.10E-01	3.12E-06	5.21E-04
443723.5	3748442.19	3.74E+05	5.33E-04	1.30E-01	3.01E-07	1.87E-01	2.78E-06	5.36E-04
443705.7	3748458.72	3.70E+05	5.27E-04	1.38E-01	3.18E-07	1.72E-01	2.55E-06	5.30E-04
443678.36	3748482.88	4.28E+05	6.10E-04	1.55E-01	3.58E-07	1.52E-01	2.25E-06	6.12E-04
443730.5	3748499.41	3.05E+05	4.35E-04	1.43E-01	3.30E-07	1.67E-01	2.48E-06	4.38E-04
443747.03	3748481.61	2.85E+05	4.06E-04	1.33E-01	3.07E-07	1.82E-01	2.70E-06	4.09E-04
443773.1	3748465.71	2.72E+05	3.87E-04	1.24E-01	2.87E-07	2.03E-01	3.01E-06	3.90E-04
443753.39	3748477.79	2.81E+05	4.01E-04	1.31E-01	3.02E-07	1.87E-01	2.77E-06	4.04E-04
443778.19	3748500.05	2.70E+05	3.85E-04	1.32E-01	3.06E-07	1.89E-01	2.80E-06	3.88E-04
443792.17	3748480.97	2.62E+05	3.73E-04	1.25E-01	2.88E-07	2.06E-01	3.05E-06	3.77E-04
443816.97	3748455.54	2.51E+05	3.58E-04	1.14E-01	2.62E-07	2.39E-01	3.55E-06	3.62E-04
443801.08	3748442.82	2.61E+05	3.73E-04	1.14E-01	2.63E-07	2.36E-01	3.50E-06	3.76E-04
443815.7	3748424.38	2.59E+05	3.69E-04	1.07E-01	2.48E-07	2.63E-01	3.90E-06	3.73E-04
443834.14	3748437.73	2.46E+05	3.51E-04	1.07E-01	2.46E-07	2.69E-01	3.99E-06	3.56E-04
443855.06	3748084.13	6.18E+04	8.81E-05	6.50E-02	1.50E-07	6.01E+00	8.92E-05	1.77E-04
443836.57	3748062.13	5.60E+04	7.99E-05	6.44E-02	1.49E-07	5.80E+00	8.60E-05	1.66E-04
443812.81	3748041	5.17E+04	7.37E-05	6.35E-02	1.47E-07	6.68E+00	9.90E-05	1.73E-04
443769.68	3747996.11	4.56E+04	6.50E-05	6.03E-02	1.39E-07	6.99E+00	1.04E-04	1.69E-04
443828.65	3748013.72	5.07E+04	7.22E-05	6.05E-02	1.40E-07	2.79E+00	4.13E-05	1.14E-04
443816.33	3747989.95	4.86E+04	6.92E-05	5.80E-02	1.34E-07	2.40E+00	3.56E-05	1.05E-04
443813.69	3747954.75	4.89E+04	6.97E-05	5.45E-02	1.26E-07	1.74E+00	2.58E-05	9.57E-05
443764.4	3747961.79	4.45E+04	6.35E-05	5.70E-02	1.32E-07	3.65E+00	5.42E-05	1.18E-04
443730.07	3747945.06	4.18E+04	5.96E-05	5.70E-02	1.32E-07	5.74E+00	8.52E-05	1.45E-04
443706.31	3747923.06	4.05E+04	5.77E-05	5.69E-02	1.31E-07	6.68E+00	9.92E-05	1.57E-04
443688.7	3747902.81	3.92E+04	5.58E-05	5.63E-02	1.30E-07	6.48E+00	9.61E-05	1.52E-04
443664.94	3747880.81	3.69E+04	5.26E-05	5.54E-02	1.28E-07	7.20E+00	1.07E-04	1.60E-04

443646.45	3747852.64	3.52E+04	5.02E-05	5.39E-02	1.25E-07	6.01E+00	8.91E-05	1.39E-04
443619.17	3747824.48	3.32E+04	4.74E-05	5.29E-02	1.22E-07	6.20E+00	9.20E-05	1.40E-04
443604.2	3747805.99	3.25E+04	4.63E-05	5.24E-02	1.21E-07	6.17E+00	9.16E-05	1.38E-04
443618.29	3747776.95	3.32E+04	4.74E-05	5.02E-02	1.16E-07	3.76E+00	5.58E-05	1.03E-04
443639.41	3747752.3	3.43E+04	4.89E-05	4.80E-02	1.11E-07	3.36E+00	4.99E-05	9.89E-05
443670.22	3747725.02	3.65E+04	5.21E-05	4.56E-02	1.05E-07	2.98E+00	4.43E-05	9.64E-05
443702.78	3747688.05	3.98E+04	5.67E-05	4.29E-02	9.92E-08	4.06E+00	6.03E-05	1.17E-04
443684.3	3747671.33	3.72E+04	5.30E-05	4.26E-02	9.84E-08	5.08E+00	7.54E-05	1.28E-04
443719.51	3747704.77	4.27E+04	6.08E-05	4.33E-02	9.99E-08	3.72E+00	5.52E-05	1.16E-04
443730.07	3747724.14	4.51E+04	6.43E-05	4.40E-02	1.02E-07	3.08E+00	4.58E-05	1.10E-04
443752.96	3747739.98	5.07E+04	7.22E-05	4.42E-02	1.02E-07	3.38E+00	5.01E-05	1.22E-04
443766.16	3747760.22	5.54E+04	7.90E-05	4.51E-02	1.04E-07	3.03E+00	4.50E-05	1.24E-04
443789.04	3747782.23	6.35E+04	9.05E-05	4.56E-02	1.05E-07	3.15E+00	4.67E-05	1.37E-04
443802.25	3747798.07	6.96E+04	9.92E-05	4.62E-02	1.07E-07	3.07E+00	4.56E-05	1.45E-04
443819.85	3747817.44	8.09E+04	1.15E-04	4.71E-02	1.09E-07	3.20E+00	4.74E-05	1.63E-04
443838.33	3747832.4	9.54E+04	1.36E-04	4.77E-02	1.10E-07	3.62E+00	5.37E-05	1.90E-04
443855.06	3747848.24	1.08E+05	1.54E-04	4.83E-02	1.12E-07	3.77E+00	5.59E-05	2.10E-04
443868.26	3747867.61	1.07E+05	1.53E-04	4.90E-02	1.13E-07	3.23E+00	4.79E-05	2.01E-04
443885.86	3747890.49	1.01E+05	1.44E-04	4.95E-02	1.14E-07	2.53E+00	3.75E-05	1.82E-04
443905.23	3747909.86	9.64E+04	1.37E-04	5.01E-02	1.16E-07	1.76E+00	2.61E-05	1.64E-04
443919.31	3747930.1	8.76E+04	1.25E-04	5.16E-02	1.19E-07	1.21E+00	1.79E-05	1.43E-04
443942.2	3747945.94	9.35E+04	1.33E-04	5.38E-02	1.24E-07	9.52E-01	1.41E-05	1.47E-04
443955.4	3747961.79	7.89E+04	1.12E-04	5.36E-02	1.24E-07	8.71E-01	1.29E-05	1.25E-04
443984.44	3747930.1	1.32E+05	1.88E-04	5.01E-02	1.16E-07	9.03E-01	1.34E-05	2.01E-04
443991.49	3747911.62	1.95E+05	2.78E-04	4.87E-02	1.12E-07	1.00E+00	1.49E-05	2.93E-04
443994.13	3747889.61	3.01E+05	4.29E-04	4.77E-02	1.10E-07	1.13E+00	1.67E-05	4.46E-04
444004.69	3747868.49	2.84E+05	4.05E-04	4.54E-02	1.05E-07	1.10E+00	1.62E-05	4.22E-04
444006.45	3747849.12	3.10E+05	4.41E-04	4.45E-02	1.03E-07	1.06E+00	1.57E-05	4.57E-04
444014.37	3747831.52	3.06E+05	4.36E-04	4.34E-02	1.00E-07	9.37E-01	1.39E-05	4.50E-04
444017.01	3747807.75	3.34E+05	4.76E-04	4.27E-02	9.85E-08	8.48E-01	1.26E-05	4.88E-04
444024.93	3747790.15	3.33E+05	4.75E-04	4.19E-02	9.68E-08	7.49E-01	1.11E-05	4.86E-04
444036.38	3747768.15	3.26E+05	4.64E-04	4.09E-02	9.45E-08	6.40E-01	9.49E-06	4.74E-04
444047.82	3747747.9	3.21E+05	4.58E-04	4.00E-02	9.23E-08	5.54E-01	8.21E-06	4.66E-04
444058.38	3747728.54	3.18E+05	4.54E-04	3.90E-02	9.00E-08	4.85E-01	7.19E-06	4.61E-04
444071.58	3747710.05	3.07E+05	4.37E-04	3.80E-02	8.77E-08	4.22E-01	6.26E-06	4.43E-04
444086.55	3747695.97	2.83E+05	4.03E-04	3.71E-02	8.56E-08	3.73E-01	5.53E-06	4.09E-04
444102.39	3747681.89	2.59E+05	3.69E-04	3.62E-02	8.36E-08	3.31E-01	4.90E-06	3.74E-04
444114.71	3747666.93	2.49E+05	3.54E-04	3.55E-02	8.20E-08	2.98E-01	4.43E-06	3.59E-04
444132.32	3747655.48	2.24E+05	3.19E-04	3.48E-02	8.04E-08	2.69E-01	3.99E-06	3.23E-04
444112.95	3747621.16	2.97E+05	4.23E-04	3.42E-02	7.89E-08	2.51E-01	3.72E-06	4.27E-04
443727.52	3747635.24	4.34E+04	6.18E-05	4.04E-02	9.34E-08	6.31E+00	9.37E-05	1.56E-04
443741.61	3747647.56	4.64E+04	6.62E-05	4.06E-02	9.38E-08	5.93E+00	8.79E-05	1.54E-04
443754.81	3747668.68	4.94E+04	7.04E-05	4.10E-02	9.46E-08	7.05E+00	1.05E-04	1.75E-04
443769.77	3747684.53	5.30E+04	7.56E-05	4.10E-02	9.48E-08	6.76E+00	1.00E-04	1.76E-04
443780.34	3747695.09	5.80E+04	8.27E-05	4.16E-02	9.61E-08	5.96E+00	8.83E-05	1.71E-04
443797.06	3747714.46	6.64E+04	9.47E-05	4.24E-02	9.80E-08	5.93E+00	8.79E-05	1.83E-04
443809.38	3747727.66	7.43E+04	1.06E-04	4.31E-02	9.95E-08	5.76E+00	8.54E-05	1.91E-04
443823.47	3747745.26	8.65E+04	1.23E-04	4.40E-02	1.02E-07	5.97E+00	8.86E-05	2.12E-04
443846.35	3747775.19	1.11E+05	1.58E-04	4.50E-02	1.04E-07	7.27E+00	1.08E-04	2.66E-04

443860.44	3747786.63	1.33E+05	1.90E-04	4.52E-02	1.04E-07	6.63E+00	9.83E-05	2.88E-04
443868.36	3747769.91	1.44E+05	2.05E-04	4.43E-02	1.02E-07	3.79E+00	5.62E-05	2.61E-04
443879.8	3747749.66	1.57E+05	2.23E-04	4.30E-02	9.94E-08	2.31E+00	3.43E-05	2.58E-04
443887.72	3747723.26	1.57E+05	2.24E-04	4.15E-02	9.58E-08	1.59E+00	2.35E-05	2.48E-04
443892.12	3747702.13	1.53E+05	2.18E-04	4.01E-02	9.27E-08	1.27E+00	1.88E-05	2.37E-04
443895.64	3747682.77	1.45E+05	2.07E-04	3.87E-02	8.93E-08	1.04E+00	1.54E-05	2.22E-04
443893	3747660.76	1.34E+05	1.91E-04	3.77E-02	8.70E-08	8.84E-01	1.31E-05	2.04E-04
443893.88	3747640.52	1.32E+05	1.89E-04	3.70E-02	8.53E-08	7.49E-01	1.11E-05	2.00E-04
443897.41	3747621.15	1.36E+05	1.93E-04	3.63E-02	8.37E-08	6.28E-01	9.31E-06	2.03E-04
443900.05	3747604.43	1.38E+05	1.97E-04	3.57E-02	8.24E-08	5.42E-01	8.04E-06	2.05E-04
443899.17	3747585.94	1.34E+05	1.91E-04	3.51E-02	8.11E-08	4.70E-01	6.97E-06	1.98E-04
443901.81	3747563.94	1.36E+05	1.94E-04	3.45E-02	7.96E-08	3.94E-01	5.85E-06	2.00E-04
443901.81	3747546.33	1.35E+05	1.92E-04	3.40E-02	7.85E-08	3.49E-01	5.17E-06	1.97E-04
443904.45	3747526.97	1.37E+05	1.96E-04	3.35E-02	7.74E-08	3.06E-01	4.54E-06	2.01E-04
443903.57	3747507.6	1.33E+05	1.90E-04	3.31E-02	7.64E-08	2.72E-01	4.04E-06	1.94E-04
443901.81	3747487.36	1.27E+05	1.81E-04	3.26E-02	7.52E-08	2.43E-01	3.60E-06	1.85E-04
443905.33	3747466.23	1.29E+05	1.84E-04	3.20E-02	7.39E-08	2.15E-01	3.19E-06	1.88E-04
443904.45	3747445.99	1.20E+05	1.71E-04	3.12E-02	7.21E-08	1.89E-01	2.80E-06	1.74E-04
443903.57	3747429.26	1.15E+05	1.64E-04	3.08E-02	7.11E-08	1.72E-01	2.55E-06	1.66E-04
443904.45	3747407.26	1.13E+05	1.61E-04	3.03E-02	6.99E-08	1.56E-01	2.32E-06	1.64E-04
443903.57	3747388.77	1.10E+05	1.56E-04	2.99E-02	6.91E-08	1.45E-01	2.14E-06	1.59E-04
443900.93	3747365.01	1.05E+05	1.49E-04	2.95E-02	6.81E-08	1.32E-01	1.96E-06	1.51E-04
443894.76	3747341.24	9.63E+04	1.37E-04	2.92E-02	6.73E-08	1.21E-01	1.80E-06	1.39E-04
443891.24	3747320.99	9.17E+04	1.31E-04	2.89E-02	6.66E-08	1.13E-01	1.67E-06	1.32E-04
443886.84	3747302.51	8.63E+04	1.23E-04	2.86E-02	6.60E-08	1.06E-01	1.57E-06	1.25E-04
443883.32	3747278.74	8.17E+04	1.16E-04	2.82E-02	6.52E-08	9.73E-02	1.44E-06	1.18E-04
443882.44	3747257.62	7.95E+04	1.13E-04	2.79E-02	6.44E-08	9.08E-02	1.35E-06	1.15E-04
443875.4	3747240.89	7.07E+04	1.01E-04	2.77E-02	6.41E-08	8.69E-02	1.29E-06	1.02E-04
443862.2	3747223.29	5.74E+04	8.18E-05	2.76E-02	6.38E-08	8.31E-02	1.23E-06	8.31E-05
443848.99	3747203.92	4.67E+04	6.66E-05	2.74E-02	6.33E-08	7.88E-02	1.17E-06	6.78E-05
443875.4	3747192.48	5.60E+04	7.99E-05	2.70E-02	6.23E-08	7.64E-02	1.13E-06	8.11E-05
443893.88	3747174	5.76E+04	8.21E-05	2.65E-02	6.12E-08	7.31E-02	1.08E-06	8.33E-05
443900.93	3747150.23	4.80E+04	6.84E-05	2.61E-02	6.02E-08	6.97E-02	1.03E-06	6.95E-05
443879.8	3747124.7	3.57E+04	5.08E-05	2.59E-02	5.97E-08	6.56E-02	9.73E-07	5.19E-05
443859.56	3747118.54	3.16E+04	4.51E-05	2.59E-02	5.97E-08	6.39E-02	9.48E-07	4.61E-05
443821.71	3747120.3	2.78E+04	3.96E-05	2.60E-02	6.00E-08	6.40E-02	9.49E-07	4.06E-05
444137.71	3747581.54	2.44E+05	3.48E-04	3.28E-02	7.57E-08	2.01E-01	2.98E-06	3.51E-04
444132.43	3747563.06	2.50E+05	3.57E-04	3.23E-02	7.46E-08	1.90E-01	2.81E-06	3.60E-04
444122.74	3747541.93	2.66E+05	3.78E-04	3.20E-02	7.38E-08	1.80E-01	2.67E-06	3.81E-04
444115.7	3747514.64	2.63E+05	3.75E-04	3.14E-02	7.26E-08	1.67E-01	2.48E-06	3.78E-04
444104.26	3747490.88	2.77E+05	3.95E-04	3.10E-02	7.16E-08	1.58E-01	2.35E-06	3.98E-04
444093.7	3747447.75	2.71E+05	3.86E-04	2.99E-02	6.91E-08	1.39E-01	2.07E-06	3.88E-04
444089.29	3747432.78	2.69E+05	3.83E-04	2.95E-02	6.82E-08	1.34E-01	1.98E-06	3.85E-04
444084.01	3747410.78	2.57E+05	3.66E-04	2.89E-02	6.67E-08	1.25E-01	1.85E-06	3.68E-04
444079.61	3747394.05	2.45E+05	3.50E-04	2.84E-02	6.55E-08	1.18E-01	1.75E-06	3.52E-04
444066.41	3747371.17	2.48E+05	3.53E-04	2.77E-02	6.39E-08	1.10E-01	1.63E-06	3.55E-04
444065.53	3747356.2	2.28E+05	3.25E-04	2.73E-02	6.31E-08	1.04E-01	1.55E-06	3.27E-04
444057.61	3747328.92	2.08E+05	2.97E-04	2.68E-02	6.19E-08	9.84E-02	1.46E-06	2.98E-04
444048.8	3747309.55	2.02E+05	2.88E-04	2.65E-02	6.12E-08	9.56E-02	1.42E-06	2.89E-04

444041.76	3747289.31	1.89E+05	2.70E-04	2.62E-02	6.06E-08	9.25E-02	1.37E-06	2.71E-04
444039.12	3747269.94	1.70E+05	2.42E-04	2.59E-02	5.99E-08	8.90E-02	1.32E-06	2.44E-04
444032.08	3747252.34	1.63E+05	2.32E-04	2.57E-02	5.94E-08	8.65E-02	1.28E-06	2.33E-04
444026.8	3747232.09	1.48E+05	2.11E-04	2.54E-02	5.87E-08	8.29E-02	1.23E-06	2.12E-04
444024.16	3747211.85	1.26E+05	1.80E-04	2.51E-02	5.80E-08	7.86E-02	1.17E-06	1.81E-04
444012.71	3747194.24	1.17E+05	1.67E-04	2.50E-02	5.77E-08	7.56E-02	1.12E-06	1.69E-04
444009.19	3747178.4	9.62E+04	1.37E-04	2.48E-02	5.73E-08	7.25E-02	1.08E-06	1.38E-04
444000.39	3747159.03	7.38E+04	1.05E-04	2.47E-02	5.70E-08	6.96E-02	1.03E-06	1.06E-04
443990.71	3747139.67	5.72E+04	8.16E-05	2.47E-02	5.69E-08	6.75E-02	1.00E-06	8.26E-05
443987.19	3747122.06	4.72E+04	6.73E-05	2.45E-02	5.66E-08	6.52E-02	9.67E-07	6.83E-05
443544.98	3747753.94	2.81E+04	4.01E-05	4.82E-02	1.11E-07	3.07E+00	4.56E-05	8.58E-05
443566.91	3747739.32	2.91E+04	4.14E-05	4.74E-02	1.10E-07	4.33E+00	6.43E-05	1.06E-04
443582.75	3747705.21	2.96E+04	4.21E-05	4.54E-02	1.05E-07	3.08E+00	4.57E-05	8.79E-05
443608.33	3747662.57	3.03E+04	4.31E-05	4.29E-02	9.90E-08	2.85E+00	4.23E-05	8.55E-05
443585.18	3747683.28	2.93E+04	4.17E-05	4.41E-02	1.02E-07	2.24E+00	3.33E-05	7.51E-05
443664.38	3747610.18	3.42E+04	4.88E-05	4.03E-02	9.30E-08	3.23E+00	4.80E-05	9.68E-05
444061.69	3748396.73	1.99E+05	2.84E-04	7.10E-02	1.64E-07	2.05E+00	3.05E-05	3.15E-04
443702.16	3748778.14	2.79E+05	3.97E-04	4.02E-01	9.29E-07	9.71E-02	1.44E-06	4.00E-04
443720.87	3748761.68	3.35E+05	4.78E-04	3.57E-01	8.25E-07	1.03E-01	1.52E-06	4.80E-04
443735.08	3748748.96	3.83E+05	5.45E-04	3.26E-01	7.53E-07	1.08E-01	1.60E-06	5.48E-04
443761.27	3748751.2	3.11E+05	4.43E-04	3.01E-01	6.96E-07	1.14E-01	1.68E-06	4.45E-04
443781.48	3748750.46	2.83E+05	4.03E-04	2.83E-01	6.53E-07	1.19E-01	1.76E-06	4.06E-04
443799.43	3748733.25	3.35E+05	4.78E-04	2.55E-01	5.89E-07	1.27E-01	1.88E-06	4.80E-04
443816.64	3748742.22	2.66E+05	3.79E-04	2.50E-01	5.78E-07	1.30E-01	1.93E-06	3.82E-04
443859.29	3748707.06	2.77E+05	3.95E-04	2.04E-01	4.71E-07	1.52E-01	2.26E-06	3.97E-04
443854.8	3748660.67	4.01E+05	5.71E-04	1.82E-01	4.21E-07	1.63E-01	2.42E-06	5.74E-04
443872.01	3748652.43	3.52E+05	5.02E-04	1.72E-01	3.97E-07	1.73E-01	2.57E-06	5.05E-04
443881.74	3748635.22	3.48E+05	4.96E-04	1.61E-01	3.71E-07	1.85E-01	2.74E-06	5.00E-04
443889.22	3748615.02	3.57E+05	5.09E-04	1.50E-01	3.47E-07	1.97E-01	2.92E-06	5.13E-04
443912.42	3748586.59	3.28E+05	4.68E-04	1.33E-01	3.08E-07	2.27E-01	3.37E-06	4.71E-04
443949.73	3748543.05	2.91E+05	4.15E-04	1.12E-01	2.59E-07	2.96E-01	4.40E-06	4.20E-04
443955.98	3748523.52	3.11E+05	4.44E-04	1.07E-01	2.46E-07	3.25E-01	4.83E-06	4.49E-04
443964.58	3748509.45	3.13E+05	4.47E-04	1.02E-01	2.36E-07	3.57E-01	5.29E-06	4.52E-04
443975.51	3748496.56	3.06E+05	4.37E-04	9.78E-02	2.26E-07	3.98E-01	5.90E-06	4.43E-04
444002.47	3748489.92	2.49E+05	3.55E-04	9.29E-02	2.15E-07	4.77E-01	7.08E-06	3.63E-04
443993.02	3748508.17	2.44E+05	3.48E-04	9.78E-02	2.26E-07	4.14E-01	6.15E-06	3.55E-04
443984.29	3748521.95	2.42E+05	3.45E-04	1.02E-01	2.35E-07	3.74E-01	5.55E-06	3.51E-04
443976.48	3748538.5	2.38E+05	3.39E-04	1.07E-01	2.47E-07	3.38E-01	5.01E-06	3.44E-04
443964.53	3748550.91	2.46E+05	3.51E-04	1.12E-01	2.58E-07	3.07E-01	4.55E-06	3.56E-04
443950.29	3748565.15	2.58E+05	3.67E-04	1.18E-01	2.73E-07	2.77E-01	4.10E-06	3.71E-04
443942.47	3748583.07	2.53E+05	3.60E-04	1.25E-01	2.89E-07	2.55E-01	3.78E-06	3.65E-04
444015.08	3748474.62	2.39E+05	3.41E-04	8.83E-02	2.04E-07	5.64E-01	8.36E-06	3.49E-04
444023.81	3748461.29	2.33E+05	3.33E-04	8.48E-02	1.96E-07	6.55E-01	9.71E-06	3.43E-04
444033	3748446.13	2.26E+05	3.23E-04	8.11E-02	1.87E-07	7.92E-01	1.17E-05	3.35E-04
444049.55	3748429.58	2.06E+05	2.94E-04	7.70E-02	1.78E-07	1.09E+00	1.62E-05	3.10E-04
444052.31	3748411.2	2.15E+05	3.06E-04	7.42E-02	1.71E-07	1.39E+00	2.07E-05	3.27E-04
443186.88	3748634.7	6.64E+04	9.46E-05	7.70E-01	1.78E-06	5.43E-02	8.05E-07	9.72E-05
443201.94	3748608.36	6.66E+04	9.49E-05	6.25E-01	1.44E-06	5.67E-02	8.40E-07	9.72E-05
443224.52	3748583.89	6.77E+04	9.66E-05	5.19E-01	1.20E-06	6.00E-02	8.90E-07	9.86E-05

443237.69	3748551.9	6.92E+04	9.87E-05	4.32E-01	9.97E-07	6.28E-02	9.31E-07	1.01E-04
443250.87	3748525.56	7.06E+04	1.01E-04	3.74E-01	8.64E-07	6.55E-02	9.72E-07	1.02E-04
443267.8	3748491.68	6.81E+04	9.71E-05	3.06E-01	7.06E-07	7.02E-02	1.04E-06	9.88E-05
443290.38	3748454.05	6.85E+04	9.76E-05	2.57E-01	5.94E-07	7.59E-02	1.13E-06	9.94E-05
443299.79	3748416.41	6.25E+04	8.90E-05	2.17E-01	5.02E-07	8.10E-02	1.20E-06	9.07E-05
443299.79	3748384.42	5.66E+04	8.07E-05	1.92E-01	4.44E-07	8.44E-02	1.25E-06	8.23E-05
443301.68	3748352.43	5.26E+04	7.50E-05	1.74E-01	4.01E-07	8.83E-02	1.31E-06	7.67E-05
443305.44	3748320.44	4.91E+04	6.99E-05	1.57E-01	3.63E-07	9.28E-02	1.38E-06	7.17E-05
443117.28	3748611.37	5.26E+04	7.50E-05	5.63E-01	1.30E-06	5.09E-02	7.54E-07	7.71E-05
443090.7	3748626.39	5.09E+04	7.26E-05	5.71E-01	1.32E-06	4.88E-02	7.24E-07	7.46E-05
443162.35	3748585.94	5.65E+04	8.05E-05	5.13E-01	1.19E-06	5.50E-02	8.16E-07	8.26E-05
443179.69	3748558.2	5.63E+04	8.02E-05	4.31E-01	9.94E-07	5.80E-02	8.60E-07	8.21E-05
443190.09	3748530.47	5.44E+04	7.75E-05	3.64E-01	8.40E-07	6.07E-02	9.00E-07	7.93E-05
443205.11	3748494.64	5.32E+04	7.58E-05	3.01E-01	6.95E-07	6.43E-02	9.53E-07	7.74E-05
443229.38	3748456.5	5.16E+04	7.36E-05	2.45E-01	5.65E-07	6.97E-02	1.03E-06	7.52E-05
443231.69	3748413.74	4.73E+04	6.74E-05	2.06E-01	4.76E-07	7.34E-02	1.09E-06	6.90E-05
443252.5	3748389.47	4.81E+04	6.85E-05	1.91E-01	4.42E-07	7.79E-02	1.16E-06	7.01E-05
443186.62	3748471.53	4.81E+04	6.85E-05	2.68E-01	6.19E-07	6.42E-02	9.52E-07	7.01E-05
443141.55	3748525.84	4.68E+04	6.67E-05	3.48E-01	8.04E-07	5.72E-02	8.49E-07	6.83E-05
443138.08	3748498.11	4.36E+04	6.21E-05	2.99E-01	6.90E-07	5.87E-02	8.70E-07	6.37E-05
443150.79	3748472.68	4.31E+04	6.14E-05	2.65E-01	6.12E-07	6.12E-02	9.08E-07	6.30E-05
443169.29	3748447.26	4.29E+04	6.11E-05	2.35E-01	5.42E-07	6.45E-02	9.57E-07	6.26E-05
443183.15	3748419.52	4.20E+04	5.99E-05	2.09E-01	4.82E-07	6.78E-02	1.01E-06	6.14E-05
443202.8	3748396.41	4.23E+04	6.03E-05	1.93E-01	4.45E-07	7.16E-02	1.06E-06	6.18E-05
443224.76	3748373.29	4.28E+04	6.11E-05	1.79E-01	4.14E-07	7.60E-02	1.13E-06	6.26E-05
443238.63	3748345.56	4.20E+04	5.99E-05	1.64E-01	3.79E-07	8.03E-02	1.19E-06	6.14E-05
443112.66	3748590.56	4.96E+04	7.07E-05	4.81E-01	1.11E-06	5.17E-02	7.66E-07	7.26E-05
443080.3	3748597.5	4.61E+04	6.57E-05	4.58E-01	1.06E-06	4.96E-02	7.36E-07	6.75E-05
443072.21	3748572.07	4.27E+04	6.09E-05	3.90E-01	9.01E-07	5.04E-02	7.48E-07	6.26E-05
443103.41	3748554.74	4.52E+04	6.45E-05	3.86E-01	8.90E-07	5.29E-02	7.84E-07	6.61E-05
443093.01	3748532.78	4.23E+04	6.03E-05	3.37E-01	7.78E-07	5.34E-02	7.92E-07	6.19E-05
444066.11	3748315.51	1.42E+05	2.02E-04	6.18E-02	1.43E-07	6.43E+00	9.54E-05	2.97E-04
444098.47	3748350.18	1.30E+05	1.85E-04	6.22E-02	1.44E-07	6.67E+00	9.89E-05	2.84E-04
444078.82	3748294.7	1.15E+05	1.64E-04	5.91E-02	1.37E-07	3.07E+00	4.56E-05	2.09E-04
444089.22	3748273.9	9.88E+04	1.41E-04	5.69E-02	1.31E-07	1.99E+00	2.95E-05	1.71E-04
444096.16	3748253.1	8.81E+04	1.26E-04	5.52E-02	1.27E-07	1.50E+00	2.23E-05	1.48E-04
444111.18	3748321.29	1.05E+05	1.49E-04	5.87E-02	1.36E-07	2.71E+00	4.01E-05	1.89E-04
444131.98	3748302.79	8.66E+04	1.23E-04	5.60E-02	1.29E-07	1.64E+00	2.44E-05	1.48E-04
444135.45	3748284.3	7.95E+04	1.13E-04	5.44E-02	1.26E-07	1.33E+00	1.98E-05	1.33E-04
443313.52	3748260.81	4.29E+04	6.11E-05	1.32E-01	3.04E-07	1.03E-01	1.52E-06	6.30E-05
443230.72	3748275.87	3.57E+04	5.09E-05	1.32E-01	3.05E-07	8.63E-02	1.28E-06	5.24E-05
443260.83	3748238.23	3.55E+04	5.06E-05	1.21E-01	2.79E-07	9.59E-02	1.42E-06	5.23E-05
443274	3748215.65	3.49E+04	4.97E-05	1.15E-01	2.65E-07	1.02E-01	1.51E-06	5.15E-05
443304.11	3748178.01	3.38E+04	4.82E-05	1.04E-01	2.40E-07	1.15E-01	1.71E-06	5.01E-05
443198.73	3748330.44	3.63E+04	5.17E-05	1.51E-01	3.49E-07	7.67E-02	1.14E-06	5.32E-05
443155.44	3748373.72	3.56E+04	5.08E-05	1.73E-01	4.00E-07	6.84E-02	1.02E-06	5.22E-05
443119.69	3748411.36	3.49E+04	4.98E-05	1.99E-01	4.59E-07	6.27E-02	9.29E-07	5.12E-05
443100.87	3748441.47	3.57E+04	5.09E-05	2.26E-01	5.23E-07	5.92E-02	8.78E-07	5.23E-05
443093.34	3748477.23	3.82E+04	5.45E-05	2.66E-01	6.15E-07	5.63E-02	8.35E-07	5.59E-05

443080.17	3748501.69	3.88E+04	5.53E-05	2.86E-01	6.60E-07	5.41E-02	8.03E-07	5.67E-05
443718.12	3747857.82	4.38E+04	6.24E-05	5.24E-02	1.21E-07	2.09E+00	3.10E-05	9.35E-05
443737.76	3747882.38	4.53E+04	6.45E-05	5.30E-02	1.22E-07	2.10E+00	3.11E-05	9.57E-05
443765.27	3747898.1	4.77E+04	6.80E-05	5.24E-02	1.21E-07	1.83E+00	2.71E-05	9.52E-05
443754.46	3747918.73	4.47E+04	6.38E-05	5.40E-02	1.25E-07	2.37E+00	3.52E-05	9.90E-05
443696.5	3747826.38	4.17E+04	5.95E-05	5.15E-02	1.19E-07	2.04E+00	3.02E-05	8.98E-05
443672.93	3747804.77	3.86E+04	5.51E-05	5.07E-02	1.17E-07	2.18E+00	3.23E-05	8.75E-05
443726.96	3747844.07	4.57E+04	6.52E-05	5.13E-02	1.19E-07	1.82E+00	2.71E-05	9.24E-05
443710.26	3747771.37	4.32E+04	6.15E-05	4.74E-02	1.09E-07	1.87E+00	2.78E-05	8.94E-05
443737.76	3747790.04	4.79E+04	6.83E-05	4.73E-02	1.09E-07	1.78E+00	2.65E-05	9.49E-05
443746.61	3747808.7	5.00E+04	7.13E-05	4.82E-02	1.11E-07	1.71E+00	2.53E-05	9.67E-05
443762.32	3747821.47	5.37E+04	7.65E-05	4.85E-02	1.12E-07	1.70E+00	2.52E-05	1.02E-04
443787.87	3747845.05	5.94E+04	8.46E-05	4.89E-02	1.13E-07	1.67E+00	2.48E-05	1.10E-04
443800.64	3747866.66	6.07E+04	8.65E-05	4.99E-02	1.15E-07	1.60E+00	2.38E-05	1.10E-04
443806.53	3747929.53	5.05E+04	7.20E-05	5.29E-02	1.22E-07	1.60E+00	2.37E-05	9.58E-05
443520.64	3747701.59	2.65E+04	3.77E-05	4.47E-02	1.03E-07	9.79E-01	1.45E-05	5.24E-05
443551.64	3747661.73	2.73E+04	3.89E-05	4.27E-02	9.86E-08	1.02E+00	1.52E-05	5.42E-05
443591.49	3747635.16	2.87E+04	4.08E-05	4.13E-02	9.54E-08	1.35E+00	2.00E-05	6.09E-05
443836.47	3747717.7	9.75E+04	1.39E-04	4.30E-02	9.92E-08	2.72E+00	4.04E-05	1.79E-04
443840.73	3747688.6	9.78E+04	1.39E-04	4.15E-02	9.59E-08	1.82E+00	2.70E-05	1.66E-04
443841.44	3747663.76	9.17E+04	1.31E-04	3.99E-02	9.22E-08	1.43E+00	2.12E-05	1.52E-04
443804.53	3747670.15	7.48E+04	1.07E-04	4.19E-02	9.67E-08	2.23E+00	3.31E-05	1.40E-04
443787.49	3747657.37	6.16E+04	8.78E-05	4.06E-02	9.36E-08	2.56E+00	3.80E-05	1.26E-04
443777.55	3747633.95	5.56E+04	7.92E-05	3.94E-02	9.10E-08	2.14E+00	3.17E-05	1.11E-04
443744.9	3747619.04	4.67E+04	6.66E-05	3.96E-02	9.14E-08	2.63E+00	3.91E-05	1.06E-04
443761.94	3747606.26	5.06E+04	7.21E-05	3.88E-02	8.97E-08	1.56E+00	2.31E-05	9.53E-05
443844.28	3747623.3	8.36E+04	1.19E-04	3.74E-02	8.64E-08	9.21E-01	1.37E-05	1.33E-04
443847.12	3747599.87	8.33E+04	1.19E-04	3.65E-02	8.43E-08	7.02E-01	1.04E-05	1.29E-04
443852.79	3747578.58	8.54E+04	1.22E-04	3.57E-02	8.25E-08	5.48E-01	8.12E-06	1.30E-04
443849.96	3747558	8.16E+04	1.16E-04	3.51E-02	8.11E-08	4.53E-01	6.72E-06	1.23E-04
443849.96	3747537.41	8.06E+04	1.15E-04	3.46E-02	8.00E-08	3.81E-01	5.66E-06	1.21E-04
443854.92	3747518.25	8.22E+04	1.17E-04	3.40E-02	7.86E-08	3.24E-01	4.81E-06	1.22E-04
443847.12	3747495.53	7.49E+04	1.07E-04	3.35E-02	7.74E-08	2.79E-01	4.14E-06	1.11E-04
443853.5	3747478.5	7.71E+04	1.10E-04	3.30E-02	7.61E-08	2.47E-01	3.66E-06	1.14E-04
443850.67	3747457.2	7.34E+04	1.05E-04	3.25E-02	7.51E-08	2.19E-01	3.25E-06	1.08E-04
443854.21	3747438.75	7.34E+04	1.05E-04	3.20E-02	7.38E-08	1.96E-01	2.91E-06	1.08E-04
443849.96	3747397.58	6.75E+04	9.62E-05	3.11E-02	7.19E-08	1.61E-01	2.38E-06	9.86E-05
443854.21	3747418.16	7.13E+04	1.02E-04	3.15E-02	7.27E-08	1.76E-01	2.61E-06	1.04E-04
443853.5	3747378.41	6.79E+04	9.68E-05	3.07E-02	7.09E-08	1.48E-01	2.19E-06	9.91E-05
443843.57	3747336.54	6.01E+04	8.56E-05	3.00E-02	6.92E-08	1.24E-01	1.85E-06	8.76E-05
443836.47	3747315.24	5.55E+04	7.92E-05	2.97E-02	6.85E-08	1.15E-01	1.70E-06	8.09E-05
443829.37	3747296.08	5.13E+04	7.31E-05	2.93E-02	6.78E-08	1.06E-01	1.58E-06	7.47E-05
443827.95	3747274.07	4.88E+04	6.96E-05	2.89E-02	6.68E-08	9.82E-02	1.46E-06	7.11E-05
443816.59	3747254.2	4.35E+04	6.20E-05	2.86E-02	6.60E-08	9.23E-02	1.37E-06	6.34E-05
443805.95	3747236.45	3.91E+04	5.57E-05	2.83E-02	6.53E-08	8.73E-02	1.30E-06	5.71E-05
443803.11	3747219.42	3.67E+04	5.24E-05	2.79E-02	6.45E-08	8.29E-02	1.23E-06	5.36E-05
443838.6	3747186.06	3.98E+04	5.68E-05	2.71E-02	6.27E-08	7.51E-02	1.11E-06	5.80E-05
443838.6	3747171.15	3.71E+04	5.29E-05	2.69E-02	6.21E-08	7.24E-02	1.07E-06	5.41E-05
443970.69	3747984.97	6.41E+04	9.14E-05	5.28E-02	1.22E-07	8.19E-01	1.21E-05	1.04E-04

443980.63	3747995.62	6.02E+04	8.57E-05	5.22E-02	1.21E-07	7.93E-01	1.18E-05	9.76E-05
443994.83	3748014.08	5.61E+04	7.99E-05	5.17E-02	1.19E-07	7.68E-01	1.14E-05	9.14E-05
444006.19	3748026.85	5.40E+04	7.69E-05	5.11E-02	1.18E-07	7.49E-01	1.11E-05	8.81E-05
444016.83	3748040.34	5.26E+04	7.50E-05	5.08E-02	1.17E-07	7.40E-01	1.10E-05	8.61E-05
444040.26	3748051.7	5.14E+04	7.33E-05	4.98E-02	1.15E-07	6.90E-01	1.02E-05	8.36E-05
444048.78	3748065.89	5.08E+04	7.24E-05	4.96E-02	1.15E-07	6.92E-01	1.03E-05	8.28E-05
444060.13	3748085.77	5.11E+04	7.29E-05	4.96E-02	1.14E-07	7.04E-01	1.04E-05	8.34E-05
444079.3	3748100.68	5.15E+04	7.35E-05	4.91E-02	1.13E-07	6.84E-01	1.01E-05	8.37E-05
444088.53	3748117	5.32E+04	7.59E-05	4.94E-02	1.14E-07	6.99E-01	1.04E-05	8.64E-05
444101.3	3748132.62	5.47E+04	7.79E-05	4.94E-02	1.14E-07	7.02E-01	1.04E-05	8.85E-05
444114.79	3748147.53	5.55E+04	7.91E-05	4.91E-02	1.13E-07	6.99E-01	1.04E-05	8.96E-05
444129.7	3748161.72	5.58E+04	7.95E-05	4.89E-02	1.13E-07	6.89E-01	1.02E-05	8.99E-05
444141.76	3748177.34	5.61E+04	8.00E-05	4.87E-02	1.12E-07	6.91E-01	1.03E-05	9.04E-05
444158.09	3748180.89	5.36E+04	7.64E-05	4.78E-02	1.10E-07	6.46E-01	9.59E-06	8.61E-05
444169.45	3748204.31	5.40E+04	7.69E-05	4.78E-02	1.10E-07	6.63E-01	9.83E-06	8.68E-05
444190.03	3748217.09	5.12E+04	7.30E-05	4.69E-02	1.08E-07	6.21E-01	9.21E-06	8.23E-05
444192.83	3748193.06	4.79E+04	6.83E-05	4.57E-02	1.05E-07	5.61E-01	8.32E-06	7.67E-05
444195.33	3748122.7	4.31E+04	6.14E-05	4.34E-02	1.00E-07	4.57E-01	6.78E-06	6.83E-05
444008.68	3747956.49	7.86E+04	1.12E-04	4.86E-02	1.12E-07	7.37E-01	1.09E-05	1.23E-04
444019.33	3747969.98	6.85E+04	9.77E-05	4.83E-02	1.11E-07	6.87E-01	1.02E-05	1.08E-04
444042.75	3747981.34	6.17E+04	8.79E-05	4.69E-02	1.08E-07	6.22E-01	9.23E-06	9.73E-05
444051.27	3747995.53	5.75E+04	8.19E-05	4.70E-02	1.09E-07	6.04E-01	8.96E-06	9.10E-05
444062.63	3748015.41	5.36E+04	7.63E-05	4.73E-02	1.09E-07	5.89E-01	8.74E-06	8.52E-05
444081.79	3748030.32	5.13E+04	7.31E-05	4.68E-02	1.08E-07	5.64E-01	8.36E-06	8.16E-05
444091.02	3748046.64	4.99E+04	7.11E-05	4.70E-02	1.08E-07	5.63E-01	8.35E-06	7.96E-05
444103.8	3748062.26	4.95E+04	7.05E-05	4.70E-02	1.09E-07	5.57E-01	8.26E-06	7.89E-05
444117.29	3748077.17	4.88E+04	6.95E-05	4.68E-02	1.08E-07	5.49E-01	8.15E-06	7.77E-05
444132.19	3748091.36	4.83E+04	6.88E-05	4.65E-02	1.07E-07	5.39E-01	8.00E-06	7.69E-05
444144.26	3748106.98	4.81E+04	6.85E-05	4.63E-02	1.07E-07	5.37E-01	7.97E-06	7.66E-05
444160.59	3748110.53	4.69E+04	6.69E-05	4.55E-02	1.05E-07	5.10E-01	7.57E-06	7.45E-05
444171.94	3748133.95	4.67E+04	6.66E-05	4.54E-02	1.05E-07	5.19E-01	7.70E-06	7.44E-05
444192.53	3748146.73	4.43E+04	6.32E-05	4.41E-02	1.02E-07	4.89E-01	7.26E-06	7.05E-05
444143.39	3748498.91	1.00E+05	1.43E-04	7.96E-02	1.84E-07	1.79E+00	2.65E-05	1.70E-04
444154.04	3748512.39	9.43E+04	1.34E-04	8.07E-02	1.86E-07	1.77E+00	2.63E-05	1.61E-04
444177.46	3748523.75	8.51E+04	1.21E-04	8.06E-02	1.86E-07	2.35E+00	3.49E-05	1.56E-04
444185.98	3748537.95	8.15E+04	1.16E-04	8.21E-02	1.90E-07	2.19E+00	3.25E-05	1.49E-04
444197.34	3748557.82	7.64E+04	1.09E-04	8.40E-02	1.94E-07	2.00E+00	2.97E-05	1.39E-04
444216.5	3748572.73	7.06E+04	1.01E-04	8.44E-02	1.95E-07	2.35E+00	3.48E-05	1.36E-04
444225.73	3748589.05	6.74E+04	9.61E-05	8.59E-02	1.98E-07	2.16E+00	3.20E-05	1.28E-04
444238.51	3748604.67	6.38E+04	9.10E-05	8.68E-02	2.01E-07	2.18E+00	3.24E-05	1.24E-04
444251.99	3748619.58	6.05E+04	8.62E-05	8.75E-02	2.02E-07	2.27E+00	3.37E-05	1.20E-04
444266.9	3748633.77	5.72E+04	8.15E-05	8.77E-02	2.02E-07	2.50E+00	3.71E-05	1.19E-04
444278.97	3748649.39	5.44E+04	7.76E-05	8.83E-02	2.04E-07	2.58E+00	3.83E-05	1.16E-04
444295.29	3748652.94	5.20E+04	7.42E-05	8.68E-02	2.00E-07	3.89E+00	5.76E-05	1.32E-04
444306.65	3748676.37	4.93E+04	7.02E-05	8.83E-02	2.04E-07	3.91E+00	5.80E-05	1.28E-04
444237.65	3748593.44	6.48E+04	9.23E-05	8.54E-02	1.97E-07	2.62E+00	3.89E-05	1.31E-04
444061.66	3748440.72	1.78E+05	2.54E-04	7.74E-02	1.79E-07	1.13E+00	1.68E-05	2.71E-04
444085.08	3748452.08	1.46E+05	2.08E-04	7.70E-02	1.78E-07	1.35E+00	2.01E-05	2.28E-04
444093.6	3748466.28	1.36E+05	1.94E-04	7.88E-02	1.82E-07	1.27E+00	1.89E-05	2.13E-04

444104.96	3748486.15	1.23E+05	1.75E-04	8.10E-02	1.87E-07	1.18E+00	1.75E-05	1.93E-04
444124.12	3748501.06	1.10E+05	1.57E-04	8.19E-02	1.89E-07	1.28E+00	1.90E-05	1.76E-04
444133.35	3748517.39	1.03E+05	1.47E-04	8.37E-02	1.93E-07	1.20E+00	1.78E-05	1.65E-04
444146.13	3748533	9.51E+04	1.36E-04	8.49E-02	1.96E-07	1.20E+00	1.79E-05	1.54E-04
444159.61	3748547.91	8.83E+04	1.26E-04	8.60E-02	1.99E-07	1.23E+00	1.82E-05	1.44E-04
444174.52	3748562.11	8.22E+04	1.17E-04	8.69E-02	2.01E-07	1.29E+00	1.91E-05	1.37E-04
444186.59	3748577.72	7.72E+04	1.10E-04	8.81E-02	2.03E-07	1.28E+00	1.90E-05	1.29E-04
444202.91	3748581.27	7.29E+04	1.04E-04	8.70E-02	2.01E-07	1.58E+00	2.34E-05	1.28E-04
444214.27	3748604.7	6.86E+04	9.77E-05	8.95E-02	2.07E-07	1.41E+00	2.09E-05	1.19E-04
444234.86	3748617.47	6.35E+04	9.06E-05	8.90E-02	2.06E-07	1.68E+00	2.49E-05	1.16E-04
443957.64	3748095.6	6.18E+04	8.81E-05	5.74E-02	1.32E-07	1.42E+00	2.11E-05	1.09E-04
CONCUNIT ug	/m^3	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
DEPUNIT g/m	^2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Trails of Corona

Cancer Risk Impacts from Construction at the Maximum Impacted Sensitive Receptor - Infant

Cancer Potency Factor:	1.1	$(mg/kg\text{-}day)^{-1}$
Exposure Frequency	350	days/year
Averaging Period	25550	days

Year	Unit DPM Concentration (ug/m3)	Age Sensitivty Factor	Daily Breathing Rate (L/kg-day)	Time At Home Factor	Exposure Duration (years)	Unit Risk Factor $(ug/m3)^{-1}$
3rd Trimester	1	10	361	1	0.25	13.6
1	1	10	1090	1	1	164.2
2	1	10	1090	1	1	164.2
3	1	3	572	1	1	25.9
4	1	3	572	1	1	25.9
5	1	3	572	1	1	25.9

Air Toxics NSR Program Health Risk Assessment (HRA) Guidelines

Trails of Corona **tier IV** **at Sensitive Recptors**

Estimated Cancer Risks from Construction DPM - Infant Receptors

X (m)	Y (m)	InfantCancer Risk (3rd Trimester) 2019 (/million)	Infant Cancer Risk (year 1) 2019 (/million)	Infant Cancer Risk (year 2) 2020 (/million)	Child Cancer Risk (year 1) 2021 (/million)	Child Cancer Risk (year 2) 2022 (/million)	Child Cancer Risk (year 3) 2023 (/million)	Child Cancer Risk (year 4) 2024 (/million)	Total Cancer Risk (/million)
443543.62	3748016.2	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.06
443581.38	3748016.2	0.00	0.03	0.02	0.00	0.00	0.00	0.00	0.06
443619.14	3748016.2	0.00	0.03	0.02	0.00	0.00	0.00	0.00	0.06
443656.9	3748016.2	0.00	0.03	0.02	0.00	0.00	0.00	0.00	0.07
443694.66	3748016.2	0.00	0.04	0.02	0.01	0.01	0.01	0.00	0.08
443732.42	3748016.2	0.00	0.04	0.02	0.01	0.01	0.01	0.00	0.10
443543.62	3748046.66	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.06
443581.38	3748046.66	0.00	0.03	0.02	0.00	0.00	0.00	0.00	0.06
443619.14	3748046.66	0.00	0.03	0.02	0.00	0.00	0.00	0.00	0.07
443656.9	3748046.66	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.07
443694.66	3748046.66	0.00	0.04	0.02	0.01	0.01	0.00	0.00	0.08
443732.42	3748046.66	0.00	0.04	0.02	0.01	0.01	0.01	0.00	0.09
443543.62	3748077.12	0.00	0.03	0.02	0.00	0.00	0.00	0.00	0.06
443581.38	3748077.12	0.00	0.03	0.02	0.00	0.00	0.00	0.00	0.06
443619.14	3748077.12	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.07
443656.9	3748077.12	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.07
443694.66	3748077.12	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.08
443732.42	3748077.12	0.00	0.04	0.02	0.01	0.01	0.01	0.00	0.09
443543.62	3748107.58	0.00	0.03	0.02	0.00	0.00	0.00	0.00	0.07
443581.38	3748107.58	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.07
443619.14	3748107.58	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.07
443656.9	3748107.58	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.08
443694.66	3748107.58	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.09
443732.42	3748107.58	0.00	0.05	0.02	0.01	0.01	0.00	0.00	0.09
443543.62	3748138.04	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.07
443581.38	3748138.04	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.07
443619.14	3748138.04	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.08
443656.9	3748138.04	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.08
443694.66	3748138.04	0.00	0.05	0.02	0.00	0.00	0.00	0.00	0.09
443732.42	3748138.04	0.00	0.05	0.03	0.01	0.01	0.00	0.00	0.10
443543.62	3748168.5	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.08
443581.38	3748168.5	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.08
443619.14	3748168.5	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.09
443656.9	3748168.5	0.00	0.05	0.02	0.00	0.00	0.00	0.00	0.09
443694.66	3748168.5	0.00	0.05	0.03	0.01	0.01	0.00	0.00	0.10
443732.42	3748168.5	0.00	0.06	0.03	0.01	0.01	0.01	0.00	0.11
444172.99	3747085.77	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.04
444272.99	3747085.77	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.04
444372.99	3747085.77	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.03
444472.99	3747085.77	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.03
444572.99	3747085.77	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.02
444672.99	3747085.77	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.02
444772.99	3747085.77	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.02
444872.99	3747085.77	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.02

Maximum Caner Risk
0.7
SCAQMD threshold of significance
10
Exceed thresholds?
No

444972.99	3747085.77	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.02
445072.99	3747085.77	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.02
445172.99	3747085.77	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01
445272.99	3747085.77	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01
445372.99	3747085.77	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01
445472.99	3747085.77	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01
445572.99	3747085.77	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01
444172.99	3747185.77	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.07
444272.99	3747185.77	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.05
444372.99	3747185.77	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.04
444472.99	3747185.77	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.03
444572.99	3747185.77	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.03
444672.99	3747185.77	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.03
444772.99	3747185.77	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.02
444872.99	3747185.77	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.02
444972.99	3747185.77	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.02
445072.99	3747185.77	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.02
445172.99	3747185.77	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.02
445272.99	3747185.77	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01
445372.99	3747185.77	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01
445472.99	3747185.77	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01
445572.99	3747185.77	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01
444172.99	3747285.77	0.01	0.06	0.03	0.00	0.00	0.00	0.00	0.11
444272.99	3747285.77	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.08
444372.99	3747285.77	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.06
444472.99	3747285.77	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.04
444572.99	3747285.77	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.04
444672.99	3747285.77	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.03
444772.99	3747285.77	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.03
444872.99	3747285.77	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.02
444972.99	3747285.77	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.02
445072.99	3747285.77	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.02
445172.99	3747285.77	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.02
445272.99	3747285.77	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.02
445372.99	3747285.77	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01
445472.99	3747285.77	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01
445572.99	3747285.77	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01
444172.99	3747385.77	0.01	0.09	0.04	0.01	0.01	0.01	0.00	0.17
444272.99	3747385.77	0.00	0.06	0.03	0.00	0.00	0.00	0.00	0.11
444372.99	3747385.77	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.07
444472.99	3747385.77	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.06
444572.99	3747385.77	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.04
444672.99	3747385.77	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.04
444772.99	3747385.77	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.03
444872.99	3747385.77	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.03
444972.99	3747385.77	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.02
445072.99	3747385.77	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.02
445172.99	3747385.77	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.02
445272.99	3747385.77	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.02
445372.99	3747385.77	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.02
445472.99	3747385.77	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01
445572.99	3747385.77	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01

444172.99	3747485.77	0.01	0.12	0.06	0.01	0.01	0.01	0.01	0.22
444272.99	3747485.77	0.01	0.07	0.03	0.01	0.01	0.01	0.00	0.13
444372.99	3747485.77	0.00	0.05	0.02	0.00	0.00	0.00	0.00	0.09
444472.99	3747485.77	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.07
444572.99	3747485.77	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.05
444672.99	3747485.77	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.04
444772.99	3747485.77	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.03
444872.99	3747485.77	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.03
444972.99	3747485.77	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.02
445072.99	3747485.77	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.02
445172.99	3747485.77	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.02
445272.99	3747485.77	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.02
445372.99	3747485.77	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.02
445472.99	3747485.77	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01
445572.99	3747485.77	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01
444172.99	3747585.77	0.01	0.14	0.07	0.01	0.01	0.01	0.01	0.27
444272.99	3747585.77	0.01	0.08	0.04	0.01	0.01	0.01	0.00	0.15
444372.99	3747585.77	0.00	0.05	0.03	0.00	0.00	0.00	0.00	0.10
444472.99	3747585.77	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.07
444572.99	3747585.77	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.05
444672.99	3747585.77	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.04
444772.99	3747585.77	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.03
444872.99	3747585.77	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.03
444972.99	3747585.77	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.03
445072.99	3747585.77	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.02
445172.99	3747585.77	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.02
445272.99	3747585.77	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.02
445372.99	3747585.77	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.02
445472.99	3747585.77	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.02
445572.99	3747585.77	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01
444172.99	3747685.77	0.01	0.13	0.06	0.01	0.01	0.01	0.01	0.23
444272.99	3747685.77	0.01	0.08	0.04	0.01	0.01	0.01	0.00	0.14
444372.99	3747685.77	0.00	0.05	0.03	0.00	0.00	0.00	0.00	0.10
444472.99	3747685.77	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.07
444572.99	3747685.77	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.05
444672.99	3747685.77	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.04
444772.99	3747685.77	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.04
444872.99	3747685.77	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.03
444972.99	3747685.77	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.03
445072.99	3747685.77	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.02
445172.99	3747685.77	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.02
445272.99	3747685.77	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.02
445372.99	3747685.77	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.02
445472.99	3747685.77	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.02
445572.99	3747685.77	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.02
444172.99	3747785.77	0.01	0.09	0.05	0.01	0.01	0.01	0.00	0.17
444272.99	3747785.77	0.01	0.06	0.03	0.01	0.01	0.01	0.00	0.12
444372.99	3747785.77	0.00	0.05	0.02	0.00	0.00	0.00	0.00	0.09
444472.99	3747785.77	0.00	0.03	0.02	0.00	0.00	0.00	0.00	0.06
444572.99	3747785.77	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.05
444672.99	3747785.77	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.04
444772.99	3747785.77	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.04

444872.99	3747785.77	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.03
444972.99	3747785.77	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.03
445072.99	3747785.77	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.02
445172.99	3747785.77	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.02
445272.99	3747785.77	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.02
445372.99	3747785.77	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.02
445472.99	3747785.77	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.02
445572.99	3747785.77	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.02
444172.99	3747885.77	0.01	0.07	0.03	0.01	0.01	0.01	0.00	0.12
444272.99	3747885.77	0.00	0.05	0.02	0.00	0.00	0.00	0.00	0.09
444372.99	3747885.77	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.07
444472.99	3747885.77	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.06
444572.99	3747885.77	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.05
444672.99	3747885.77	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.04
444772.99	3747885.77	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.03
444872.99	3747885.77	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.03
444972.99	3747885.77	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.03
445072.99	3747885.77	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.02
445172.99	3747885.77	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.02
445272.99	3747885.77	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.02
445372.99	3747885.77	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.02
445472.99	3747885.77	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.02
445572.99	3747885.77	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.02
444172.99	3747985.77	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.09
444272.99	3747985.77	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.07
444372.99	3747985.77	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.06
444472.99	3747985.77	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.05
444572.99	3747985.77	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.04
444672.99	3747985.77	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.04
444772.99	3747985.77	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.03
444872.99	3747985.77	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.03
444972.99	3747985.77	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.03
445072.99	3747985.77	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.02
445172.99	3747985.77	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.02
445272.99	3747985.77	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.02
445372.99	3747985.77	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.02
445472.99	3747985.77	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.02
445572.99	3747985.77	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.02
444172.99	3748085.77	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.07
444272.99	3748085.77	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.06
444372.99	3748085.77	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.05
444472.99	3748085.77	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.04
444572.99	3748085.77	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.04
444672.99	3748085.77	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.04
444772.99	3748085.77	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.03
444872.99	3748085.77	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.03
444972.99	3748085.77	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.03
445072.99	3748085.77	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.02
445172.99	3748085.77	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.02
445272.99	3748085.77	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.02
445372.99	3748085.77	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.02
445472.99	3748085.77	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.02

445572.99	3748085.77	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.02
444172.99	3748185.77	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.08
444272.99	3748185.77	0.00	0.03	0.02	0.00	0.00	0.00	0.00	0.06
444372.99	3748185.77	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.05
444472.99	3748185.77	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.04
444572.99	3748185.77	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.04
444672.99	3748185.77	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.04
444772.99	3748185.77	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.03
444872.99	3748185.77	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.03
444972.99	3748185.77	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.03
445072.99	3748185.77	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.02
445172.99	3748185.77	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.02
445272.99	3748185.77	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.02
445372.99	3748185.77	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.02
445472.99	3748185.77	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.02
445572.99	3748185.77	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.02
444172.99	3748285.77	0.00	0.05	0.03	0.01	0.01	0.01	0.00	0.11
444272.99	3748285.77	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.08
444372.99	3748285.77	0.00	0.03	0.02	0.00	0.00	0.00	0.00	0.06
444472.99	3748285.77	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.05
444572.99	3748285.77	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.04
444672.99	3748285.77	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.04
444772.99	3748285.77	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.03
444872.99	3748285.77	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.03
444972.99	3748285.77	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.03
445072.99	3748285.77	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.02
445172.99	3748285.77	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.02
445272.99	3748285.77	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.02
445372.99	3748285.77	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.02
445472.99	3748285.77	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.02
445572.99	3748285.77	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.02
444172.99	3748385.77	0.01	0.08	0.04	0.01	0.01	0.01	0.00	0.16
444272.99	3748385.77	0.00	0.05	0.02	0.01	0.01	0.00	0.00	0.10
444372.99	3748385.77	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.07
444472.99	3748385.77	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.05
444572.99	3748385.77	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.04
444672.99	3748385.77	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.04
444772.99	3748385.77	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.03
444872.99	3748385.77	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.03
444972.99	3748385.77	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.03
445072.99	3748385.77	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.02
445172.99	3748385.77	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.02
445272.99	3748385.77	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.02
445372.99	3748385.77	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.02
445472.99	3748385.77	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.02
445572.99	3748385.77	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.02
444172.99	3748485.77	0.01	0.08	0.04	0.02	0.02	0.01	0.01	0.18
444272.99	3748485.77	0.00	0.05	0.03	0.01	0.01	0.01	0.00	0.11
444372.99	3748485.77	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.08
444472.99	3748485.77	0.00	0.03	0.02	0.00	0.00	0.00	0.00	0.06
444572.99	3748485.77	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.05
444672.99	3748485.77	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.04

444772.99	3748485.77	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.03
444872.99	3748485.77	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.03
444972.99	3748485.77	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.03
445072.99	3748485.77	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.02
445172.99	3748485.77	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.02
445272.99	3748485.77	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.02
445372.99	3748485.77	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.02
445472.99	3748485.77	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.02
445572.99	3748485.77	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.02
443047.86	3748855.7	0.01	0.17	0.08	0.01	0.01	0.01	0.01	0.31
443030.11	3748868.74	0.01	0.16	0.08	0.01	0.01	0.01	0.01	0.30
443016.91	3748884.58	0.01	0.17	0.09	0.01	0.01	0.01	0.01	0.32
442999.31	3748898.66	0.01	0.17	0.08	0.01	0.01	0.01	0.01	0.31
442983.47	3748918.02	0.01	0.17	0.09	0.01	0.01	0.01	0.01	0.32
442962.35	3748934.74	0.01	0.16	0.08	0.01	0.01	0.01	0.01	0.30
442947.39	3748948.82	0.01	0.15	0.07	0.01	0.01	0.01	0.01	0.28
442935.07	3748963.78	0.01	0.15	0.07	0.01	0.01	0.01	0.01	0.28
442916.59	3748985.78	0.01	0.15	0.07	0.01	0.01	0.01	0.01	0.28
442898.98	3749001.62	0.01	0.14	0.07	0.01	0.01	0.01	0.01	0.26
442881.38	3749017.46	0.01	0.12	0.06	0.01	0.01	0.01	0.01	0.23
442868.18	3749033.31	0.01	0.11	0.05	0.01	0.01	0.01	0.01	0.21
442854.1	3749046.51	0.01	0.09	0.05	0.01	0.01	0.01	0.00	0.18
442832.98	3749062.35	0.01	0.07	0.03	0.01	0.01	0.01	0.00	0.13
442816.26	3749081.71	0.00	0.05	0.03	0.00	0.00	0.00	0.00	0.10
442801.3	3749094.91	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.08
442780.18	3749111.63	0.00	0.03	0.02	0.00	0.00	0.00	0.00	0.06
442764.34	3749127.47	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.05
442750.26	3749130.11	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.04
442722.1	3749138.03	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.04
442705.38	3749146.83	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.03
442678.1	3749144.19	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.03
442659.62	3749147.71	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.03
442638.49	3749145.07	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.03
442662.26	3749101.07	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.03
442694.82	3749095.79	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.04
442709.78	3749094.03	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.04
442730.02	3749086.99	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.04
442752.02	3749068.51	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.05
442796.9	3749035.95	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.07
442817.14	3749007.78	0.00	0.05	0.02	0.00	0.00	0.00	0.00	0.09
442845.3	3748987.54	0.00	0.06	0.03	0.00	0.00	0.00	0.00	0.11
442865.54	3748973.46	0.01	0.07	0.03	0.01	0.01	0.01	0.00	0.12
442840.9	3748956.74	0.00	0.05	0.02	0.00	0.00	0.00	0.00	0.09
442888.42	3748944.42	0.01	0.07	0.03	0.01	0.01	0.01	0.00	0.13
442871.7	3748932.1	0.00	0.05	0.03	0.00	0.00	0.00	0.00	0.10
442872.58	3748910.98	0.00	0.05	0.02	0.00	0.00	0.00	0.00	0.09
442880.5	3748896.9	0.00	0.05	0.02	0.00	0.00	0.00	0.00	0.09
442906.02	3748895.14	0.00	0.06	0.03	0.00	0.00	0.00	0.00	0.11
442925.39	3748905.7	0.01	0.07	0.04	0.01	0.01	0.01	0.00	0.14
442928.03	3748871.38	0.01	0.06	0.03	0.00	0.00	0.00	0.00	0.11
442942.99	3748881.94	0.01	0.07	0.04	0.01	0.01	0.01	0.00	0.14
442959.71	3748871.38	0.01	0.08	0.04	0.01	0.01	0.01	0.00	0.14

442923.63	3748842.34	0.00	0.05	0.02	0.00	0.00	0.00	0.00	0.09
442937.71	3748821.22	0.00	0.05	0.02	0.00	0.00	0.00	0.00	0.09
442971.15	3748822.98	0.00	0.06	0.03	0.00	0.00	0.00	0.00	0.11
442986.11	3748841.46	0.01	0.08	0.04	0.01	0.01	0.01	0.00	0.14
442985.23	3748812.42	0.00	0.06	0.03	0.00	0.00	0.00	0.00	0.11
443001.95	3748822.1	0.01	0.07	0.04	0.01	0.01	0.01	0.00	0.13
443063.55	3748836.18	0.01	0.15	0.07	0.01	0.01	0.01	0.01	0.27
443064.43	3748815.06	0.01	0.11	0.05	0.01	0.01	0.01	0.01	0.20
443051.23	3748791.3	0.01	0.08	0.04	0.01	0.01	0.01	0.00	0.15
443003.71	3748799.22	0.01	0.06	0.03	0.00	0.00	0.00	0.00	0.11
442974.67	3748795.7	0.00	0.05	0.02	0.00	0.00	0.00	0.00	0.09
443038.91	3748779.86	0.01	0.07	0.03	0.01	0.01	0.01	0.00	0.12
443027.47	3748759.61	0.00	0.05	0.03	0.00	0.00	0.00	0.00	0.10
443023.95	3748743.77	0.00	0.05	0.02	0.00	0.00	0.00	0.00	0.09
443008.99	3748724.41	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.08
443008.99	3748702.41	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.07
443097.87	3748795.7	0.01	0.11	0.06	0.01	0.01	0.01	0.01	0.21
443090.83	3748778.98	0.01	0.09	0.04	0.01	0.01	0.01	0.00	0.17
443071.47	3748764.01	0.01	0.07	0.03	0.01	0.01	0.01	0.00	0.13
443064.43	3748742.01	0.00	0.06	0.03	0.01	0.00	0.00	0.00	0.11
443051.23	3748723.53	0.00	0.05	0.03	0.00	0.00	0.00	0.00	0.10
443042.43	3748707.69	0.00	0.05	0.02	0.00	0.00	0.00	0.00	0.09
443042.43	3748691.85	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.08
443141.87	3748742.01	0.01	0.07	0.04	0.01	0.01	0.01	0.00	0.14
443121.63	3748726.17	0.01	0.06	0.03	0.01	0.01	0.01	0.00	0.12
443107.55	3748705.05	0.00	0.06	0.03	0.00	0.00	0.00	0.00	0.10
443088.19	3748676.01	0.00	0.05	0.02	0.00	0.00	0.00	0.00	0.09
443145.39	3748708.57	0.01	0.06	0.03	0.01	0.01	0.01	0.00	0.11
443176.19	3748679.53	0.00	0.06	0.03	0.00	0.00	0.00	0.00	0.11
443103.15	3748670.73	0.00	0.05	0.02	0.00	0.00	0.00	0.00	0.09
443230.76	3748790.42	0.01	0.11	0.06	0.01	0.01	0.01	0.01	0.22
443242.2	3748767.54	0.01	0.09	0.05	0.01	0.01	0.01	0.00	0.18
443255.4	3748742.89	0.01	0.09	0.04	0.01	0.01	0.01	0.00	0.16
443265.08	3748712.97	0.01	0.08	0.04	0.01	0.01	0.01	0.00	0.15
443278.28	3748687.45	0.01	0.08	0.04	0.01	0.01	0.01	0.00	0.15
443297.64	3748659.29	0.01	0.09	0.04	0.01	0.01	0.01	0.00	0.17
443306.44	3748793.94	0.01	0.14	0.07	0.01	0.01	0.01	0.01	0.27
443339.88	3748786.02	0.01	0.17	0.09	0.01	0.01	0.01	0.01	0.33
443371.56	3748768.42	0.02	0.20	0.10	0.02	0.02	0.02	0.01	0.37
443392.68	3748756.97	0.02	0.22	0.11	0.02	0.02	0.02	0.01	0.42
443418.2	3748739.37	0.02	0.24	0.12	0.02	0.02	0.02	0.01	0.45
443444.6	3748724.41	0.02	0.26	0.13	0.02	0.02	0.02	0.01	0.48
443471.89	3748711.21	0.02	0.28	0.14	0.02	0.02	0.02	0.01	0.52
443496.53	3748694.49	0.02	0.28	0.13	0.02	0.02	0.02	0.01	0.51
443525.57	3748681.29	0.02	0.29	0.14	0.02	0.02	0.02	0.01	0.54
443548.45	3748668.09	0.02	0.28	0.14	0.02	0.02	0.02	0.01	0.52
443583.65	3748651.37	0.03	0.32	0.15	0.02	0.02	0.02	0.01	0.58
443383	3748960.26	0.01	0.11	0.05	0.01	0.01	0.01	0.01	0.20
443380.36	3748936.5	0.01	0.13	0.06	0.01	0.01	0.01	0.01	0.25
443370.68	3748910.1	0.02	0.19	0.09	0.02	0.02	0.02	0.01	0.36
443386.52	3748896.02	0.02	0.26	0.13	0.02	0.02	0.02	0.01	0.48
443423.48	3748874.9	0.02	0.29	0.14	0.02	0.02	0.02	0.01	0.53

443448.13	3748859.94	0.02	0.29	0.14	0.02	0.02	0.02	0.01	0.53
443465.73	3748849.38	0.02	0.28	0.14	0.02	0.02	0.02	0.01	0.52
443497.41	3748829.14	0.02	0.27	0.13	0.02	0.02	0.02	0.01	0.51
443513.25	3748820.34	0.02	0.27	0.13	0.02	0.02	0.02	0.01	0.50
443539.65	3748809.78	0.02	0.26	0.13	0.02	0.02	0.02	0.01	0.48
443559.89	3748803.62	0.02	0.26	0.12	0.02	0.02	0.02	0.01	0.47
443581.89	3748796.58	0.02	0.25	0.12	0.02	0.02	0.02	0.01	0.47
443602.13	3748793.06	0.02	0.24	0.12	0.02	0.02	0.02	0.01	0.45
443624.13	3748791.3	0.02	0.23	0.11	0.02	0.02	0.02	0.01	0.43
443642.61	3748786.9	0.02	0.24	0.11	0.02	0.02	0.02	0.01	0.44
443661.09	3748783.38	0.02	0.23	0.11	0.02	0.02	0.02	0.01	0.43
443683.97	3748786.02	0.02	0.21	0.10	0.02	0.02	0.02	0.01	0.38
443535.25	3748597.69	0.03	0.32	0.16	0.02	0.02	0.02	0.02	0.59
443511.49	3748617.05	0.02	0.30	0.15	0.02	0.02	0.02	0.01	0.55
443491.25	3748637.29	0.02	0.28	0.14	0.02	0.02	0.02	0.01	0.52
443468.37	3748647.85	0.02	0.30	0.14	0.02	0.02	0.02	0.01	0.55
443441.08	3748674.25	0.02	0.24	0.12	0.02	0.02	0.02	0.01	0.44
443414.68	3748689.21	0.02	0.21	0.10	0.02	0.02	0.02	0.01	0.39
443389.16	3748705.93	0.01	0.17	0.08	0.01	0.01	0.01	0.01	0.31
443307.32	3748632.01	0.01	0.10	0.05	0.01	0.01	0.01	0.00	0.18
443322.28	3748600.33	0.01	0.10	0.05	0.01	0.01	0.01	0.00	0.19
443336.36	3748572.17	0.01	0.10	0.05	0.01	0.01	0.01	0.00	0.19
443355.72	3748617.05	0.01	0.17	0.08	0.01	0.01	0.01	0.01	0.31
443377.72	3748583.61	0.02	0.19	0.09	0.02	0.02	0.01	0.01	0.36
443387.4	3748555.45	0.01	0.18	0.09	0.01	0.01	0.01	0.01	0.33
443399.72	3748531.69	0.02	0.19	0.09	0.02	0.02	0.01	0.01	0.36
443409.4	3748510.57	0.02	0.22	0.11	0.02	0.02	0.02	0.01	0.40
443339.88	3748550.17	0.01	0.10	0.05	0.01	0.01	0.01	0.00	0.18
443358.36	3748517.61	0.01	0.10	0.05	0.01	0.01	0.01	0.00	0.19
443360.12	3748489.44	0.01	0.10	0.05	0.01	0.01	0.01	0.00	0.18
443372.44	3748464.8	0.01	0.10	0.05	0.01	0.01	0.01	0.00	0.19
443394.44	3748441.04	0.01	0.10	0.05	0.01	0.01	0.01	0.00	0.19
443497.41	3748439.28	0.02	0.28	0.14	0.02	0.02	0.02	0.01	0.52
443522.05	3748422.56	0.02	0.21	0.10	0.02	0.02	0.02	0.01	0.39
443541.41	3748404.08	0.01	0.17	0.08	0.01	0.01	0.01	0.01	0.32
443557.25	3748392.64	0.01	0.16	0.08	0.01	0.01	0.01	0.01	0.29
443580.13	3748376.8	0.01	0.15	0.08	0.01	0.01	0.01	0.01	0.28
443602.13	3748365.36	0.01	0.16	0.08	0.01	0.01	0.01	0.01	0.29
443623.25	3748346	0.01	0.15	0.07	0.01	0.01	0.01	0.01	0.28
443653.17	3748335.44	0.01	0.17	0.08	0.01	0.01	0.01	0.01	0.32
443671.65	3748321.36	0.01	0.17	0.08	0.01	0.01	0.01	0.01	0.31
443508.85	3748368.88	0.01	0.10	0.05	0.01	0.01	0.01	0.00	0.19
443479.81	3748380.32	0.01	0.10	0.05	0.01	0.01	0.01	0.00	0.19
443526.45	3748355.68	0.01	0.10	0.05	0.01	0.01	0.01	0.00	0.18
443548.45	3748339.84	0.01	0.09	0.05	0.01	0.01	0.01	0.00	0.18
443571.33	3748324	0.01	0.09	0.05	0.01	0.01	0.01	0.00	0.18
443590.69	3748310.8	0.01	0.09	0.05	0.01	0.01	0.01	0.00	0.17
443612.69	3748296.72	0.01	0.09	0.04	0.01	0.01	0.01	0.00	0.17
443636.45	3748282.64	0.01	0.09	0.04	0.01	0.01	0.01	0.00	0.17
443654.93	3748265.92	0.01	0.09	0.04	0.01	0.01	0.01	0.00	0.16
443672.53	3748246.56	0.01	0.08	0.04	0.01	0.01	0.01	0.00	0.15
443689.25	3748231.6	0.01	0.08	0.04	0.01	0.01	0.01	0.00	0.14

443706.85	3748215.75	0.01	0.07	0.04	0.01	0.01	0.01	0.00	0.14
443691.02	3748297.6	0.01	0.14	0.07	0.01	0.01	0.01	0.01	0.27
443707.74	3748282.64	0.01	0.13	0.06	0.01	0.01	0.01	0.01	0.24
443725.34	3748266.8	0.01	0.12	0.06	0.01	0.01	0.01	0.01	0.22
443741.18	3748257.12	0.01	0.11	0.06	0.01	0.01	0.01	0.01	0.21
443759.66	3748243.03	0.01	0.11	0.06	0.01	0.01	0.01	0.01	0.21
443773.74	3748221.03	0.01	0.10	0.05	0.01	0.01	0.01	0.00	0.19
443794.86	3748203.43	0.01	0.10	0.05	0.01	0.01	0.01	0.00	0.18
443813.34	3748185.83	0.01	0.09	0.05	0.01	0.01	0.01	0.00	0.18
443824.78	3748163.83	0.01	0.08	0.04	0.01	0.01	0.01	0.00	0.16
443842.38	3748150.63	0.01	0.08	0.04	0.01	0.01	0.01	0.00	0.17
443794.86	3748123.35	0.00	0.06	0.03	0.01	0.01	0.01	0.00	0.12
443808.06	3748106.63	0.00	0.06	0.03	0.01	0.01	0.01	0.00	0.13
443773.74	3748145.35	0.00	0.06	0.03	0.01	0.01	0.01	0.00	0.11
443762.3	3748169.11	0.01	0.06	0.03	0.01	0.01	0.01	0.00	0.12
443749.1	3748183.19	0.01	0.07	0.03	0.01	0.01	0.01	0.00	0.13
443724.46	3748197.27	0.01	0.07	0.03	0.01	0.01	0.01	0.00	0.13
443669.01	3748506.17	0.03	0.36	0.18	0.03	0.03	0.03	0.02	0.67
443691.02	3748531.69	0.03	0.33	0.16	0.03	0.03	0.03	0.02	0.62
443709.5	3748544.89	0.03	0.32	0.16	0.03	0.02	0.02	0.02	0.60
443731.5	3748574.81	0.03	0.39	0.19	0.03	0.03	0.03	0.02	0.71
443760.54	3748588.01	0.03	0.39	0.19	0.03	0.03	0.03	0.02	0.72
443782.54	3748564.25	0.02	0.29	0.14	0.02	0.02	0.02	0.01	0.54
443807.18	3748539.61	0.02	0.25	0.12	0.02	0.02	0.02	0.01	0.47
443826.54	3748515.85	0.02	0.23	0.11	0.02	0.02	0.02	0.01	0.43
443852.94	3748491.21	0.02	0.23	0.11	0.02	0.02	0.02	0.01	0.43
443863.5	3748470.09	0.02	0.22	0.11	0.02	0.02	0.02	0.01	0.41
443881.98	3748439.28	0.02	0.21	0.10	0.02	0.02	0.02	0.01	0.39
443881.1	3748410.24	0.02	0.19	0.09	0.02	0.02	0.02	0.01	0.36
443899.59	3748423.44	0.02	0.21	0.10	0.02	0.02	0.02	0.01	0.39
443891.66	3748384.72	0.02	0.19	0.09	0.02	0.02	0.01	0.01	0.35
443911.07	3748370.97	0.02	0.19	0.09	0.02	0.02	0.01	0.01	0.35
443929.51	3748345.54	0.02	0.19	0.09	0.02	0.02	0.02	0.01	0.35
443939.05	3748329.01	0.02	0.18	0.09	0.02	0.02	0.02	0.01	0.35
443954.95	3748309.93	0.01	0.18	0.09	0.02	0.02	0.02	0.01	0.34
443975.29	3748291.49	0.01	0.17	0.08	0.02	0.02	0.02	0.01	0.33
443932.69	3748260.34	0.02	0.23	0.11	0.02	0.02	0.02	0.01	0.44
443907.9	3748288.95	0.02	0.24	0.12	0.02	0.02	0.02	0.01	0.46
443892	3748306.75	0.02	0.24	0.12	0.02	0.02	0.02	0.01	0.44
443878.65	3748325.19	0.02	0.22	0.11	0.02	0.02	0.02	0.01	0.42
443864.66	3748341.09	0.02	0.22	0.11	0.02	0.02	0.02	0.01	0.41
443848.13	3748357.62	0.02	0.22	0.11	0.02	0.02	0.02	0.01	0.42
443829.69	3748376.69	0.02	0.22	0.11	0.02	0.02	0.02	0.01	0.42
443795.99	3748384.96	0.02	0.26	0.13	0.02	0.02	0.02	0.01	0.48
443774.37	3748402.76	0.02	0.27	0.13	0.02	0.02	0.02	0.01	0.49
443747.03	3748423.75	0.02	0.29	0.14	0.02	0.02	0.02	0.01	0.53
443723.5	3748442.19	0.02	0.30	0.14	0.02	0.02	0.02	0.01	0.55
443705.7	3748458.72	0.02	0.29	0.14	0.02	0.02	0.02	0.01	0.54
443678.36	3748482.88	0.03	0.34	0.16	0.03	0.03	0.03	0.02	0.62
443730.5	3748499.41	0.02	0.24	0.12	0.02	0.02	0.02	0.01	0.45
443747.03	3748481.61	0.02	0.23	0.11	0.02	0.02	0.02	0.01	0.42
443773.1	3748465.71	0.02	0.21	0.10	0.02	0.02	0.02	0.01	0.40

443753.39	3748477.79	0.02	0.22	0.11	0.02	0.02	0.02	0.01	0.41
443778.19	3748500.05	0.02	0.21	0.10	0.02	0.02	0.02	0.01	0.40
443792.17	3748480.97	0.02	0.21	0.10	0.02	0.02	0.02	0.01	0.38
443816.97	3748455.54	0.02	0.20	0.10	0.02	0.02	0.02	0.01	0.37
443801.08	3748442.82	0.02	0.21	0.10	0.02	0.02	0.02	0.01	0.38
443815.7	3748424.38	0.02	0.20	0.10	0.02	0.02	0.02	0.01	0.38
443834.14	3748437.73	0.02	0.19	0.10	0.02	0.02	0.02	0.01	0.36
443855.06	3748084.13	0.01	0.06	0.04	0.02	0.02	0.01	0.00	0.15
443836.57	3748062.13	0.00	0.06	0.03	0.02	0.02	0.01	0.00	0.14
443812.81	3748041	0.00	0.05	0.03	0.02	0.02	0.01	0.00	0.15
443769.68	3747996.11	0.00	0.05	0.03	0.02	0.02	0.01	0.00	0.14
443828.65	3748013.72	0.00	0.05	0.03	0.01	0.01	0.01	0.00	0.10
443816.33	3747989.95	0.00	0.04	0.02	0.01	0.01	0.01	0.00	0.10
443813.69	3747954.75	0.00	0.04	0.02	0.01	0.01	0.01	0.00	0.09
443764.4	3747961.79	0.00	0.04	0.02	0.01	0.01	0.01	0.00	0.10
443730.07	3747945.06	0.00	0.04	0.03	0.02	0.01	0.01	0.00	0.12
443706.31	3747923.06	0.00	0.05	0.03	0.02	0.02	0.01	0.00	0.13
443688.7	3747902.81	0.00	0.04	0.03	0.02	0.02	0.01	0.00	0.13
443664.94	3747880.81	0.00	0.04	0.03	0.02	0.02	0.01	0.00	0.13
443646.45	3747852.64	0.00	0.04	0.03	0.02	0.02	0.01	0.00	0.11
443619.17	3747824.48	0.00	0.04	0.03	0.02	0.02	0.01	0.00	0.11
443604.2	3747805.99	0.00	0.04	0.02	0.02	0.02	0.01	0.00	0.11
443618.29	3747776.95	0.00	0.03	0.02	0.01	0.01	0.01	0.00	0.09
443639.41	3747752.3	0.00	0.03	0.02	0.01	0.01	0.01	0.00	0.09
443670.22	3747725.02	0.00	0.03	0.02	0.01	0.01	0.01	0.00	0.08
443702.78	3747688.05	0.00	0.04	0.02	0.01	0.01	0.01	0.00	0.10
443684.3	3747671.33	0.00	0.04	0.02	0.01	0.01	0.01	0.00	0.11
443719.51	3747704.77	0.00	0.04	0.02	0.01	0.01	0.01	0.00	0.10
443730.07	3747724.14	0.00	0.04	0.02	0.01	0.01	0.01	0.00	0.10
443752.96	3747739.98	0.00	0.05	0.03	0.01	0.01	0.01	0.00	0.11
443766.16	3747760.22	0.00	0.05	0.03	0.01	0.01	0.01	0.00	0.11
443789.04	3747782.23	0.00	0.06	0.03	0.01	0.01	0.01	0.00	0.13
443802.25	3747798.07	0.01	0.06	0.03	0.01	0.01	0.01	0.00	0.13
443819.85	3747817.44	0.01	0.07	0.04	0.01	0.01	0.01	0.00	0.15
443838.33	3747832.4	0.01	0.08	0.04	0.01	0.01	0.01	0.00	0.18
443855.06	3747848.24	0.01	0.09	0.05	0.02	0.01	0.01	0.01	0.20
443868.26	3747867.61	0.01	0.09	0.05	0.01	0.01	0.01	0.01	0.19
443885.86	3747890.49	0.01	0.08	0.04	0.01	0.01	0.01	0.00	0.17
443905.23	3747909.86	0.01	0.08	0.04	0.01	0.01	0.01	0.00	0.16
443919.31	3747930.1	0.01	0.07	0.04	0.01	0.01	0.01	0.00	0.14
443942.2	3747945.94	0.01	0.08	0.04	0.01	0.01	0.01	0.00	0.15
443955.4	3747961.79	0.01	0.06	0.03	0.01	0.01	0.01	0.00	0.12
443984.44	3747930.1	0.01	0.11	0.05	0.01	0.01	0.01	0.01	0.20
443991.49	3747911.62	0.01	0.16	0.08	0.01	0.01	0.01	0.01	0.30
443994.13	3747889.61	0.02	0.24	0.12	0.02	0.02	0.02	0.01	0.45
444004.69	3747868.49	0.02	0.23	0.11	0.02	0.02	0.02	0.01	0.43
444006.45	3747849.12	0.02	0.25	0.12	0.02	0.02	0.02	0.01	0.46
444014.37	3747831.52	0.02	0.24	0.12	0.02	0.02	0.02	0.01	0.46
444017.01	3747807.75	0.02	0.26	0.13	0.02	0.02	0.02	0.01	0.50
444024.93	3747790.15	0.02	0.26	0.13	0.02	0.02	0.02	0.01	0.49
444036.38	3747768.15	0.02	0.26	0.13	0.02	0.02	0.02	0.01	0.48
444047.82	3747747.9	0.02	0.25	0.12	0.02	0.02	0.02	0.01	0.47

444058.38	3747728.54	0.02	0.25	0.12	0.02	0.02	0.02	0.01	0.47
444071.58	3747710.05	0.02	0.24	0.12	0.02	0.02	0.02	0.01	0.45
444086.55	3747695.97	0.02	0.22	0.11	0.02	0.02	0.02	0.01	0.42
444102.39	3747681.89	0.02	0.21	0.10	0.02	0.02	0.02	0.01	0.38
444114.71	3747666.93	0.02	0.20	0.10	0.02	0.02	0.02	0.01	0.37
444132.32	3747655.48	0.01	0.18	0.09	0.01	0.01	0.01	0.01	0.33
444112.95	3747621.16	0.02	0.23	0.11	0.02	0.02	0.02	0.01	0.43
443727.52	3747635.24	0.00	0.05	0.03	0.02	0.02	0.01	0.00	0.13
443741.61	3747647.56	0.00	0.05	0.03	0.02	0.02	0.01	0.00	0.13
443754.81	3747668.68	0.00	0.05	0.03	0.02	0.02	0.01	0.00	0.15
443769.77	3747684.53	0.00	0.06	0.03	0.02	0.02	0.01	0.00	0.15
443780.34	3747695.09	0.00	0.06	0.03	0.02	0.02	0.01	0.00	0.15
443797.06	3747714.46	0.01	0.06	0.04	0.02	0.02	0.01	0.00	0.16
443809.38	3747727.66	0.01	0.07	0.04	0.02	0.02	0.01	0.00	0.17
443823.47	3747745.26	0.01	0.08	0.05	0.02	0.02	0.01	0.01	0.19
443846.35	3747775.19	0.01	0.10	0.06	0.02	0.02	0.02	0.01	0.24
443860.44	3747786.63	0.01	0.12	0.06	0.02	0.02	0.02	0.01	0.26
443868.36	3747769.91	0.01	0.12	0.06	0.02	0.02	0.01	0.01	0.25
443879.8	3747749.66	0.01	0.13	0.06	0.01	0.01	0.01	0.01	0.25
443887.72	3747723.26	0.01	0.13	0.06	0.01	0.01	0.01	0.01	0.25
443892.12	3747702.13	0.01	0.12	0.06	0.01	0.01	0.01	0.01	0.24
443895.64	3747682.77	0.01	0.12	0.06	0.01	0.01	0.01	0.01	0.22
443893	3747660.76	0.01	0.11	0.05	0.01	0.01	0.01	0.01	0.20
443893.88	3747640.52	0.01	0.11	0.05	0.01	0.01	0.01	0.01	0.20
443897.41	3747621.15	0.01	0.11	0.05	0.01	0.01	0.01	0.01	0.20
443900.05	3747604.43	0.01	0.11	0.05	0.01	0.01	0.01	0.01	0.21
443899.17	3747585.94	0.01	0.11	0.05	0.01	0.01	0.01	0.01	0.20
443901.81	3747563.94	0.01	0.11	0.05	0.01	0.01	0.01	0.01	0.20
443901.81	3747546.33	0.01	0.11	0.05	0.01	0.01	0.01	0.01	0.20
443904.45	3747526.97	0.01	0.11	0.05	0.01	0.01	0.01	0.01	0.20
443903.57	3747507.6	0.01	0.11	0.05	0.01	0.01	0.01	0.01	0.20
443901.81	3747487.36	0.01	0.10	0.05	0.01	0.01	0.01	0.00	0.19
443905.33	3747466.23	0.01	0.10	0.05	0.01	0.01	0.01	0.00	0.19
443904.45	3747445.99	0.01	0.10	0.05	0.01	0.01	0.01	0.00	0.18
443903.57	3747429.26	0.01	0.09	0.04	0.01	0.01	0.01	0.00	0.17
443904.45	3747407.26	0.01	0.09	0.04	0.01	0.01	0.01	0.00	0.17
443903.57	3747388.77	0.01	0.09	0.04	0.01	0.01	0.01	0.00	0.16
443900.93	3747365.01	0.01	0.08	0.04	0.01	0.01	0.01	0.00	0.15
443894.76	3747341.24	0.01	0.08	0.04	0.01	0.01	0.01	0.00	0.14
443891.24	3747320.99	0.01	0.07	0.04	0.01	0.01	0.01	0.00	0.13
443886.84	3747302.51	0.01	0.07	0.03	0.01	0.01	0.01	0.00	0.13
443883.32	3747278.74	0.01	0.06	0.03	0.01	0.01	0.01	0.00	0.12
443882.44	3747257.62	0.01	0.06	0.03	0.01	0.00	0.00	0.00	0.12
443875.4	3747240.89	0.00	0.06	0.03	0.00	0.00	0.00	0.00	0.10
443862.2	3747223.29	0.00	0.05	0.02	0.00	0.00	0.00	0.00	0.08
443848.99	3747203.92	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.07
443875.4	3747192.48	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.08
443893.88	3747174	0.00	0.05	0.02	0.00	0.00	0.00	0.00	0.08
443900.93	3747150.23	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.07
443879.8	3747124.7	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.05
443859.56	3747118.54	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.05
443821.71	3747120.3	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.04

444137.71	3747581.54	0.02	0.19	0.09	0.02	0.02	0.01	0.01	0.36
444132.43	3747563.06	0.02	0.20	0.10	0.02	0.02	0.02	0.01	0.37
444122.74	3747541.93	0.02	0.21	0.10	0.02	0.02	0.02	0.01	0.39
444115.7	3747514.64	0.02	0.21	0.10	0.02	0.02	0.02	0.01	0.39
444104.26	3747490.88	0.02	0.22	0.11	0.02	0.02	0.02	0.01	0.41
444093.7	3747447.75	0.02	0.21	0.10	0.02	0.02	0.02	0.01	0.40
444089.29	3747432.78	0.02	0.21	0.10	0.02	0.02	0.02	0.01	0.39
444084.01	3747410.78	0.02	0.20	0.10	0.02	0.02	0.02	0.01	0.38
444079.61	3747394.05	0.02	0.19	0.09	0.02	0.02	0.01	0.01	0.36
444066.41	3747371.17	0.02	0.20	0.10	0.02	0.02	0.02	0.01	0.36
444065.53	3747356.2	0.01	0.18	0.09	0.01	0.01	0.01	0.01	0.33
444057.61	3747328.92	0.01	0.16	0.08	0.01	0.01	0.01	0.01	0.30
444048.8	3747309.55	0.01	0.16	0.08	0.01	0.01	0.01	0.01	0.29
444041.76	3747289.31	0.01	0.15	0.07	0.01	0.01	0.01	0.01	0.28
444039.12	3747269.94	0.01	0.13	0.07	0.01	0.01	0.01	0.01	0.25
444032.08	3747252.34	0.01	0.13	0.06	0.01	0.01	0.01	0.01	0.24
444026.8	3747232.09	0.01	0.12	0.06	0.01	0.01	0.01	0.01	0.22
444024.16	3747211.85	0.01	0.10	0.05	0.01	0.01	0.01	0.00	0.18
444012.71	3747194.24	0.01	0.09	0.05	0.01	0.01	0.01	0.00	0.17
444009.19	3747178.4	0.01	0.08	0.04	0.01	0.01	0.01	0.00	0.14
444000.39	3747159.03	0.00	0.06	0.03	0.00	0.00	0.00	0.00	0.11
443990.71	3747139.67	0.00	0.05	0.02	0.00	0.00	0.00	0.00	0.08
443987.19	3747122.06	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.07
443544.98	3747753.94	0.00	0.03	0.02	0.01	0.01	0.01	0.00	0.07
443566.91	3747739.32	0.00	0.03	0.02	0.01	0.01	0.01	0.00	0.09
443582.75	3747705.21	0.00	0.03	0.02	0.01	0.01	0.01	0.00	0.08
443608.33	3747662.57	0.00	0.03	0.02	0.01	0.01	0.01	0.00	0.07
443585.18	3747683.28	0.00	0.03	0.02	0.01	0.01	0.01	0.00	0.07
443664.38	3747610.18	0.00	0.03	0.02	0.01	0.01	0.01	0.00	0.08
444061.69	3748396.73	0.01	0.16	0.08	0.02	0.02	0.02	0.01	0.31
443702.16	3748778.14	0.02	0.22	0.11	0.02	0.02	0.02	0.01	0.41
443720.87	3748761.68	0.02	0.26	0.13	0.02	0.02	0.02	0.01	0.49
443735.08	3748748.96	0.03	0.30	0.15	0.02	0.02	0.02	0.01	0.56
443761.27	3748751.2	0.02	0.25	0.12	0.02	0.02	0.02	0.01	0.45
443781.48	3748750.46	0.02	0.22	0.11	0.02	0.02	0.02	0.01	0.41
443799.43	3748733.25	0.02	0.26	0.13	0.02	0.02	0.02	0.01	0.49
443816.64	3748742.22	0.02	0.21	0.10	0.02	0.02	0.02	0.01	0.39
443859.29	3748707.06	0.02	0.22	0.11	0.02	0.02	0.02	0.01	0.40
443854.8	3748660.67	0.03	0.32	0.15	0.02	0.02	0.02	0.01	0.59
443872.01	3748652.43	0.02	0.28	0.14	0.02	0.02	0.02	0.01	0.51
443881.74	3748635.22	0.02	0.28	0.13	0.02	0.02	0.02	0.01	0.51
443889.22	3748615.02	0.02	0.28	0.14	0.02	0.02	0.02	0.01	0.52
443912.42	3748586.59	0.02	0.26	0.13	0.02	0.02	0.02	0.01	0.48
443949.73	3748543.05	0.02	0.23	0.11	0.02	0.02	0.02	0.01	0.43
443955.98	3748523.52	0.02	0.25	0.12	0.02	0.02	0.02	0.01	0.46
443964.58	3748509.45	0.02	0.25	0.12	0.02	0.02	0.02	0.01	0.46
443975.51	3748496.56	0.02	0.24	0.12	0.02	0.02	0.02	0.01	0.45
444002.47	3748489.92	0.02	0.20	0.10	0.02	0.02	0.02	0.01	0.37
443993.02	3748508.17	0.02	0.19	0.09	0.02	0.02	0.02	0.01	0.36
443984.29	3748521.95	0.02	0.19	0.09	0.02	0.02	0.02	0.01	0.36
443976.48	3748538.5	0.02	0.19	0.09	0.02	0.02	0.01	0.01	0.35
443964.53	3748550.91	0.02	0.19	0.10	0.02	0.02	0.02	0.01	0.36

443950.29	3748565.15	0.02	0.20	0.10	0.02	0.02	0.02	0.01	0.38
443942.47	3748583.07	0.02	0.20	0.10	0.02	0.02	0.02	0.01	0.37
444015.08	3748474.62	0.02	0.19	0.09	0.02	0.02	0.02	0.01	0.35
444023.81	3748461.29	0.02	0.19	0.09	0.02	0.02	0.02	0.01	0.35
444033	3748446.13	0.01	0.18	0.09	0.02	0.02	0.01	0.01	0.34
444049.55	3748429.58	0.01	0.16	0.08	0.02	0.01	0.01	0.01	0.31
444052.31	3748411.2	0.01	0.17	0.09	0.02	0.02	0.02	0.01	0.33
443186.88	3748634.7	0.00	0.05	0.03	0.00	0.00	0.00	0.00	0.10
443201.94	3748608.36	0.00	0.05	0.03	0.00	0.00	0.00	0.00	0.10
443224.52	3748583.89	0.00	0.05	0.03	0.00	0.00	0.00	0.00	0.10
443237.69	3748551.9	0.00	0.05	0.03	0.00	0.00	0.00	0.00	0.10
443250.87	3748525.56	0.00	0.06	0.03	0.00	0.00	0.00	0.00	0.10
443267.8	3748491.68	0.00	0.05	0.03	0.00	0.00	0.00	0.00	0.10
443290.38	3748454.05	0.00	0.05	0.03	0.00	0.00	0.00	0.00	0.10
443299.79	3748416.41	0.00	0.05	0.02	0.00	0.00	0.00	0.00	0.09
443299.79	3748384.42	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.08
443301.68	3748352.43	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.08
443305.44	3748320.44	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.07
443117.28	3748611.37	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.08
443090.7	3748626.39	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.08
443162.35	3748585.94	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.08
443179.69	3748558.2	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.08
443190.09	3748530.47	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.08
443205.11	3748494.64	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.08
443229.38	3748456.5	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.08
443231.69	3748413.74	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.07
443252.5	3748389.47	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.07
443186.62	3748471.53	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.07
443141.55	3748525.84	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.07
443138.08	3748498.11	0.00	0.03	0.02	0.00	0.00	0.00	0.00	0.06
443150.79	3748472.68	0.00	0.03	0.02	0.00	0.00	0.00	0.00	0.06
443169.29	3748447.26	0.00	0.03	0.02	0.00	0.00	0.00	0.00	0.06
443183.15	3748419.52	0.00	0.03	0.02	0.00	0.00	0.00	0.00	0.06
443202.8	3748396.41	0.00	0.03	0.02	0.00	0.00	0.00	0.00	0.06
443224.76	3748373.29	0.00	0.03	0.02	0.00	0.00	0.00	0.00	0.06
443238.63	3748345.56	0.00	0.03	0.02	0.00	0.00	0.00	0.00	0.06
443112.66	3748590.56	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.07
443080.3	3748597.5	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.07
443072.21	3748572.07	0.00	0.03	0.02	0.00	0.00	0.00	0.00	0.06
443103.41	3748554.74	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.07
443093.01	3748532.78	0.00	0.03	0.02	0.00	0.00	0.00	0.00	0.06
444066.11	3748315.51	0.01	0.12	0.07	0.02	0.02	0.02	0.01	0.27
444098.47	3748350.18	0.01	0.12	0.06	0.02	0.02	0.02	0.01	0.26
444078.82	3748294.7	0.01	0.10	0.05	0.01	0.01	0.01	0.01	0.20
444089.22	3748273.9	0.01	0.08	0.04	0.01	0.01	0.01	0.00	0.17
444096.16	3748253.1	0.01	0.07	0.04	0.01	0.01	0.01	0.00	0.14
444111.18	3748321.29	0.01	0.09	0.05	0.01	0.01	0.01	0.00	0.18
444131.98	3748302.79	0.01	0.07	0.04	0.01	0.01	0.01	0.00	0.14
444135.45	3748284.3	0.01	0.07	0.03	0.01	0.01	0.01	0.00	0.13
443313.52	3748260.81	0.00	0.03	0.02	0.00	0.00	0.00	0.00	0.06
443230.72	3748275.87	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.05
443260.83	3748238.23	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.05

443274	3748215.65	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.05
443304.11	3748178.01	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.05
443198.73	3748330.44	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.05
443155.44	3748373.72	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.05
443119.69	3748411.36	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.05
443100.87	3748441.47	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.05
443093.34	3748477.23	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.06
443080.17	3748501.69	0.00	0.03	0.02	0.00	0.00	0.00	0.00	0.06
443718.12	3747857.82	0.00	0.04	0.02	0.01	0.01	0.01	0.00	0.09
443737.76	3747882.38	0.00	0.04	0.02	0.01	0.01	0.01	0.00	0.09
443765.27	3747898.1	0.00	0.04	0.02	0.01	0.01	0.01	0.00	0.09
443754.46	3747918.73	0.00	0.04	0.02	0.01	0.01	0.01	0.00	0.09
443696.5	3747826.38	0.00	0.04	0.02	0.01	0.01	0.01	0.00	0.08
443672.93	3747804.77	0.00	0.03	0.02	0.01	0.01	0.01	0.00	0.08
443726.96	3747844.07	0.00	0.04	0.02	0.01	0.01	0.01	0.00	0.09
443710.26	3747771.37	0.00	0.04	0.02	0.01	0.01	0.01	0.00	0.08
443737.76	3747790.04	0.00	0.04	0.02	0.01	0.01	0.01	0.00	0.09
443746.61	3747808.7	0.00	0.04	0.02	0.01	0.01	0.01	0.00	0.09
443762.32	3747821.47	0.00	0.05	0.02	0.01	0.01	0.01	0.00	0.10
443787.87	3747845.05	0.00	0.05	0.03	0.01	0.01	0.01	0.00	0.10
443800.64	3747866.66	0.00	0.05	0.03	0.01	0.01	0.01	0.00	0.11
443806.53	3747929.53	0.00	0.04	0.02	0.01	0.01	0.01	0.00	0.09
443520.64	3747701.59	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.05
443551.64	3747661.73	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.05
443591.49	3747635.16	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.06
443836.47	3747717.7	0.01	0.08	0.04	0.01	0.01	0.01	0.00	0.17
443840.73	3747688.6	0.01	0.08	0.04	0.01	0.01	0.01	0.00	0.16
443841.44	3747663.76	0.01	0.08	0.04	0.01	0.01	0.01	0.00	0.15
443804.53	3747670.15	0.01	0.06	0.03	0.01	0.01	0.01	0.00	0.13
443787.49	3747657.37	0.00	0.05	0.03	0.01	0.01	0.01	0.00	0.12
443777.55	3747633.95	0.00	0.05	0.03	0.01	0.01	0.01	0.00	0.10
443744.9	3747619.04	0.00	0.04	0.02	0.01	0.01	0.01	0.00	0.10
443761.94	3747606.26	0.00	0.04	0.02	0.01	0.01	0.01	0.00	0.09
443844.28	3747623.3	0.01	0.07	0.03	0.01	0.01	0.01	0.00	0.13
443847.12	3747599.87	0.01	0.07	0.03	0.01	0.01	0.01	0.00	0.13
443852.79	3747578.58	0.01	0.07	0.03	0.01	0.01	0.01	0.00	0.13
443849.96	3747558	0.01	0.07	0.03	0.01	0.01	0.01	0.00	0.12
443849.96	3747537.41	0.01	0.06	0.03	0.01	0.01	0.01	0.00	0.12
443854.92	3747518.25	0.01	0.07	0.03	0.01	0.01	0.01	0.00	0.12
443847.12	3747495.53	0.00	0.06	0.03	0.01	0.01	0.00	0.00	0.11
443853.5	3747478.5	0.01	0.06	0.03	0.01	0.01	0.01	0.00	0.11
443850.67	3747457.2	0.00	0.06	0.03	0.00	0.00	0.00	0.00	0.11
443854.21	3747438.75	0.00	0.06	0.03	0.00	0.00	0.00	0.00	0.11
443849.96	3747397.58	0.00	0.05	0.03	0.00	0.00	0.00	0.00	0.10
443854.21	3747418.16	0.00	0.06	0.03	0.00	0.00	0.00	0.00	0.11
443853.5	3747378.41	0.00	0.05	0.03	0.00	0.00	0.00	0.00	0.10
443843.57	3747336.54	0.00	0.05	0.02	0.00	0.00	0.00	0.00	0.09
443836.47	3747315.24	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.08
443829.37	3747296.08	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.08
443827.95	3747274.07	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.07
443816.59	3747254.2	0.00	0.03	0.02	0.00	0.00	0.00	0.00	0.06
443805.95	3747236.45	0.00	0.03	0.02	0.00	0.00	0.00	0.00	0.06

443803.11	3747219.42	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.05
443838.6	3747186.06	0.00	0.03	0.02	0.00	0.00	0.00	0.00	0.06
443838.6	3747171.15	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.05
443970.69	3747984.97	0.00	0.05	0.03	0.01	0.01	0.01	0.00	0.10
443980.63	3747995.62	0.00	0.05	0.02	0.01	0.01	0.00	0.00	0.10
443994.83	3748014.08	0.00	0.05	0.02	0.01	0.01	0.00	0.00	0.09
444006.19	3748026.85	0.00	0.04	0.02	0.01	0.00	0.00	0.00	0.09
444016.83	3748040.34	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.08
444040.26	3748051.7	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.08
444048.78	3748065.89	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.08
444060.13	3748085.77	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.08
444079.3	3748100.68	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.08
444088.53	3748117	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.09
444101.3	3748132.62	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.09
444114.79	3748147.53	0.00	0.05	0.02	0.01	0.00	0.00	0.00	0.09
444129.7	3748161.72	0.00	0.05	0.02	0.01	0.00	0.00	0.00	0.09
444141.76	3748177.34	0.00	0.05	0.02	0.01	0.00	0.00	0.00	0.09
444158.09	3748180.89	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.08
444169.45	3748204.31	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.09
444190.03	3748217.09	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.08
444192.83	3748193.06	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.08
444195.33	3748122.7	0.00	0.03	0.02	0.00	0.00	0.00	0.00	0.07
444008.68	3747956.49	0.01	0.06	0.03	0.01	0.01	0.01	0.00	0.12
444019.33	3747969.98	0.00	0.06	0.03	0.01	0.01	0.01	0.00	0.11
444042.75	3747981.34	0.00	0.05	0.02	0.01	0.01	0.00	0.00	0.10
444051.27	3747995.53	0.00	0.05	0.02	0.00	0.00	0.00	0.00	0.09
444062.63	3748015.41	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.08
444081.79	3748030.32	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.08
444091.02	3748046.64	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.08
444103.8	3748062.26	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.08
444117.29	3748077.17	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.08
444132.19	3748091.36	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.08
444144.26	3748106.98	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.08
444160.59	3748110.53	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.07
444171.94	3748133.95	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.07
444192.53	3748146.73	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.07
444143.39	3748498.91	0.01	0.08	0.04	0.01	0.01	0.01	0.00	0.17
444154.04	3748512.39	0.01	0.08	0.04	0.01	0.01	0.01	0.00	0.16
444177.46	3748523.75	0.01	0.07	0.04	0.01	0.01	0.01	0.00	0.15
444185.98	3748537.95	0.01	0.07	0.04	0.01	0.01	0.01	0.00	0.14
444197.34	3748557.82	0.01	0.06	0.03	0.01	0.01	0.01	0.00	0.13
444216.5	3748572.73	0.00	0.06	0.03	0.01	0.01	0.01	0.00	0.13
444225.73	3748589.05	0.00	0.06	0.03	0.01	0.01	0.01	0.00	0.12
444238.51	3748604.67	0.00	0.05	0.03	0.01	0.01	0.01	0.00	0.12
444251.99	3748619.58	0.00	0.05	0.03	0.01	0.01	0.01	0.00	0.11
444266.9	3748633.77	0.00	0.05	0.03	0.01	0.01	0.01	0.00	0.11
444278.97	3748649.39	0.00	0.05	0.03	0.01	0.01	0.01	0.00	0.11
444295.29	3748652.94	0.00	0.05	0.03	0.01	0.01	0.01	0.00	0.12
444306.65	3748676.37	0.00	0.05	0.03	0.01	0.01	0.01	0.00	0.11
444237.65	3748593.44	0.00	0.06	0.03	0.01	0.01	0.01	0.00	0.12
444061.66	3748440.72	0.01	0.14	0.07	0.01	0.01	0.01	0.01	0.27
444085.08	3748452.08	0.01	0.12	0.06	0.01	0.01	0.01	0.01	0.23

444093.6	3748466.28	0.01	0.11	0.05	0.01	0.01	0.01	0.01	0.21
444104.96	3748486.15	0.01	0.10	0.05	0.01	0.01	0.01	0.00	0.19
444124.12	3748501.06	0.01	0.09	0.04	0.01	0.01	0.01	0.00	0.17
444133.35	3748517.39	0.01	0.08	0.04	0.01	0.01	0.01	0.00	0.16
444146.13	3748533	0.01	0.08	0.04	0.01	0.01	0.01	0.00	0.15
444159.61	3748547.91	0.01	0.07	0.04	0.01	0.01	0.01	0.00	0.14
444174.52	3748562.11	0.01	0.07	0.03	0.01	0.01	0.01	0.00	0.13
444186.59	3748577.72	0.01	0.06	0.03	0.01	0.01	0.01	0.00	0.13
444202.91	3748581.27	0.01	0.06	0.03	0.01	0.01	0.01	0.00	0.12
444214.27	3748604.7	0.00	0.06	0.03	0.01	0.01	0.01	0.00	0.11
444234.86	3748617.47	0.00	0.05	0.03	0.01	0.01	0.01	0.00	0.11
443957.64	3748095.6	0.00	0.05	0.03	0.01	0.01	0.01	0.00	0.11
CONCUNIT ug	/m^3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEPUNIT g/m	^2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Trails of Corona

tier IV

Cancer Risk Impacts from Construction at the Maximum Impacted Sensitive Receptor - Child
UTM: (565046,4185977)

Cancer Potency Factor:	1.1	$(mg/kg\text{-}day)^{-1}$
Exposure Frequency	350	days/year
Averaging Period	25550	days

Year	DPM Concentration (ug/m3)	Age Sensitivty Factor	Daily Breathing Rate (L/kg-day)	Time At Home Factor	Exposure Duration (years)	Unit Risk Factor $(ug/m3)^{-1}$
2019-2024	1	3	572	1	1	25.9

Air Toxics NSR Program Health Risk Assessment (HRA) Guidelines

Trails of Corona

at Sensitive Receptors

Estimated Cancer Risks from Construction DPM

tier IV

		Child Cancer
X	**Y**	**2019-2024**
(m)	**(m)**	**(/million)**
443543.62	3748016.2	0.017
443581.38	3748016.2	0.019
443619.14	3748016.2	0.021
443656.9	3748016.2	0.024
443694.66	3748016.2	0.029
443732.42	3748016.2	0.043
443543.62	3748046.66	0.017
443581.38	3748046.66	0.019
443619.14	3748046.66	0.020
443656.9	3748046.66	0.023
443694.66	3748046.66	0.027
443732.42	3748046.66	0.033
443543.62	3748077.12	0.018
443581.38	3748077.12	0.019
443619.14	3748077.12	0.021
443656.9	3748077.12	0.023
443694.66	3748077.12	0.026
443732.42	3748077.12	0.030
443543.62	3748107.58	0.019
443581.38	3748107.58	0.020
443619.14	3748107.58	0.022
443656.9	3748107.58	0.024
443694.66	3748107.58	0.026
443732.42	3748107.58	0.030
443543.62	3748138.04	0.021
443581.38	3748138.04	0.022

Maximum Caner Risk

0.2

SCAQMD threshold of significance

10

Exceed thresholds?

No

443619.14	3748138.04	0.023
443656.9	3748138.04	0.025
443694.66	3748138.04	0.028
443732.42	3748138.04	0.031
443543.62	3748168.5	0.022
443581.38	3748168.5	0.023
443619.14	3748168.5	0.025
443656.9	3748168.5	0.027
443694.66	3748168.5	0.031
443732.42	3748168.5	0.034
444172.99	3747085.77	0.012
444272.99	3747085.77	0.011
444372.99	3747085.77	0.009
444472.99	3747085.77	0.008
444572.99	3747085.77	0.007
444672.99	3747085.77	0.006
444772.99	3747085.77	0.006
444872.99	3747085.77	0.005
444972.99	3747085.77	0.005
445072.99	3747085.77	0.004
445172.99	3747085.77	0.004
445272.99	3747085.77	0.004
445372.99	3747085.77	0.004
445472.99	3747085.77	0.003
445572.99	3747085.77	0.003
444172.99	3747185.77	0.019
444272.99	3747185.77	0.015
444372.99	3747185.77	0.012
444472.99	3747185.77	0.010
444572.99	3747185.77	0.008
444672.99	3747185.77	0.007
444772.99	3747185.77	0.006
444872.99	3747185.77	0.006
444972.99	3747185.77	0.005

445072.99	3747185.77	0.005
445172.99	3747185.77	0.004
445272.99	3747185.77	0.004
445372.99	3747185.77	0.004
445472.99	3747185.77	0.004
445572.99	3747185.77	0.003
444172.99	3747285.77	0.032
444272.99	3747285.77	0.021
444372.99	3747285.77	0.016
444472.99	3747285.77	0.012
444572.99	3747285.77	0.010
444672.99	3747285.77	0.009
444772.99	3747285.77	0.007
444872.99	3747285.77	0.007
444972.99	3747285.77	0.006
445072.99	3747285.77	0.005
445172.99	3747285.77	0.005
445272.99	3747285.77	0.004
445372.99	3747285.77	0.004
445472.99	3747285.77	0.004
445572.99	3747285.77	0.004
444172.99	3747385.77	0.047
444272.99	3747385.77	0.029
444372.99	3747385.77	0.021
444472.99	3747385.77	0.016
444572.99	3747385.77	0.013
444672.99	3747385.77	0.010
444772.99	3747385.77	0.008
444872.99	3747385.77	0.007
444972.99	3747385.77	0.006
445072.99	3747385.77	0.006
445172.99	3747385.77	0.005
445272.99	3747385.77	0.005
445372.99	3747385.77	0.004

445472.99	3747385.77	0.004
445572.99	3747385.77	0.004
444172.99	3747485.77	0.062
444272.99	3747485.77	0.037
444372.99	3747485.77	0.025
444472.99	3747485.77	0.019
444572.99	3747485.77	0.014
444672.99	3747485.77	0.011
444772.99	3747485.77	0.009
444872.99	3747485.77	0.008
444972.99	3747485.77	0.007
445072.99	3747485.77	0.006
445172.99	3747485.77	0.005
445272.99	3747485.77	0.005
445372.99	3747485.77	0.005
445472.99	3747485.77	0.004
445572.99	3747485.77	0.004
444172.99	3747585.77	0.074
444272.99	3747585.77	0.042
444372.99	3747585.77	0.028
444472.99	3747585.77	0.020
444572.99	3747585.77	0.015
444672.99	3747585.77	0.012
444772.99	3747585.77	0.010
444872.99	3747585.77	0.008
444972.99	3747585.77	0.007
445072.99	3747585.77	0.006
445172.99	3747585.77	0.006
445272.99	3747585.77	0.005
445372.99	3747585.77	0.005
445472.99	3747585.77	0.005
445572.99	3747585.77	0.004
444172.99	3747685.77	0.066
444272.99	3747685.77	0.040

444372.99	3747685.77	0.028
444472.99	3747685.77	0.020
444572.99	3747685.77	0.015
444672.99	3747685.77	0.012
444772.99	3747685.77	0.010
444872.99	3747685.77	0.009
444972.99	3747685.77	0.008
445072.99	3747685.77	0.007
445172.99	3747685.77	0.006
445272.99	3747685.77	0.006
445372.99	3747685.77	0.005
445472.99	3747685.77	0.005
445572.99	3747685.77	0.004
444172.99	3747785.77	0.049
444272.99	3747785.77	0.033
444372.99	3747785.77	0.025
444472.99	3747785.77	0.018
444572.99	3747785.77	0.014
444672.99	3747785.77	0.012
444772.99	3747785.77	0.010
444872.99	3747785.77	0.009
444972.99	3747785.77	0.008
445072.99	3747785.77	0.007
445172.99	3747785.77	0.006
445272.99	3747785.77	0.006
445372.99	3747785.77	0.005
445472.99	3747785.77	0.005
445572.99	3747785.77	0.005
444172.99	3747885.77	0.036
444272.99	3747885.77	0.026
444372.99	3747885.77	0.020
444472.99	3747885.77	0.016
444572.99	3747885.77	0.013
444672.99	3747885.77	0.011

444772.99	3747885.77	0.010
444872.99	3747885.77	0.009
444972.99	3747885.77	0.008
445072.99	3747885.77	0.007
445172.99	3747885.77	0.006
445272.99	3747885.77	0.006
445372.99	3747885.77	0.005
445472.99	3747885.77	0.005
445572.99	3747885.77	0.005
444172.99	3747985.77	0.025
444272.99	3747985.77	0.020
444372.99	3747985.77	0.016
444472.99	3747985.77	0.014
444572.99	3747985.77	0.012
444672.99	3747985.77	0.011
444772.99	3747985.77	0.010
444872.99	3747985.77	0.009
444972.99	3747985.77	0.008
445072.99	3747985.77	0.007
445172.99	3747985.77	0.007
445272.99	3747985.77	0.006
445372.99	3747985.77	0.006
445472.99	3747985.77	0.005
445572.99	3747985.77	0.005
444172.99	3748085.77	0.021
444272.99	3748085.77	0.017
444372.99	3748085.77	0.015
444472.99	3748085.77	0.013
444572.99	3748085.77	0.011
444672.99	3748085.77	0.010
444772.99	3748085.77	0.009
444872.99	3748085.77	0.009
444972.99	3748085.77	0.008
445072.99	3748085.77	0.007

445172.99	3748085.77	0.007
445272.99	3748085.77	0.006
445372.99	3748085.77	0.006
445472.99	3748085.77	0.005
445572.99	3748085.77	0.005
444172.99	3748185.77	0.025
444272.99	3748185.77	0.019
444372.99	3748185.77	0.015
444472.99	3748185.77	0.013
444572.99	3748185.77	0.012
444672.99	3748185.77	0.010
444772.99	3748185.77	0.009
444872.99	3748185.77	0.009
444972.99	3748185.77	0.008
445072.99	3748185.77	0.007
445172.99	3748185.77	0.006
445272.99	3748185.77	0.006
445372.99	3748185.77	0.006
445472.99	3748185.77	0.005
445572.99	3748185.77	0.005
444172.99	3748285.77	0.034
444272.99	3748285.77	0.023
444372.99	3748285.77	0.018
444472.99	3748285.77	0.015
444572.99	3748285.77	0.012
444672.99	3748285.77	0.011
444772.99	3748285.77	0.010
444872.99	3748285.77	0.009
444972.99	3748285.77	0.008
445072.99	3748285.77	0.007
445172.99	3748285.77	0.006
445272.99	3748285.77	0.006
445372.99	3748285.77	0.005
445472.99	3748285.77	0.005

445572.99	3748285.77	0.005
444172.99	3748385.77	0.055
444272.99	3748385.77	0.030
444372.99	3748385.77	0.021
444472.99	3748385.77	0.016
444572.99	3748385.77	0.013
444672.99	3748385.77	0.011
444772.99	3748385.77	0.010
444872.99	3748385.77	0.009
444972.99	3748385.77	0.008
445072.99	3748385.77	0.007
445172.99	3748385.77	0.006
445272.99	3748385.77	0.006
445372.99	3748385.77	0.005
445472.99	3748385.77	0.005
445572.99	3748385.77	0.005
444172.99	3748485.77	0.072
444272.99	3748485.77	0.040
444372.99	3748485.77	0.025
444472.99	3748485.77	0.018
444572.99	3748485.77	0.014
444672.99	3748485.77	0.012
444772.99	3748485.77	0.010
444872.99	3748485.77	0.009
444972.99	3748485.77	0.008
445072.99	3748485.77	0.007
445172.99	3748485.77	0.006
445272.99	3748485.77	0.006
445372.99	3748485.77	0.005
445472.99	3748485.77	0.005
445572.99	3748485.77	0.005
443047.86	3748855.7	0.086
443030.11	3748868.74	0.083
443016.91	3748884.58	0.090

442999.31	3748898.66	0.086
442983.47	3748918.02	0.090
442962.35	3748934.74	0.082
442947.39	3748948.82	0.078
442935.07	3748963.78	0.078
442916.59	3748985.78	0.079
442898.98	3749001.62	0.072
442881.38	3749017.46	0.063
442868.18	3749033.31	0.058
442854.1	3749046.51	0.049
442832.98	3749062.35	0.035
442816.26	3749081.71	0.027
442801.3	3749094.91	0.021
442780.18	3749111.63	0.016
442764.34	3749127.47	0.014
442750.26	3749130.11	0.012
442722.1	3749138.03	0.010
442705.38	3749146.83	0.009
442678.1	3749144.19	0.008
442659.62	3749147.71	0.008
442638.49	3749145.07	0.007
442662.26	3749101.07	0.009
442694.82	3749095.79	0.010
442709.78	3749094.03	0.011
442730.02	3749086.99	0.012
442752.02	3749068.51	0.014
442796.9	3749035.95	0.021
442817.14	3749007.78	0.024
442845.3	3748987.54	0.029
442865.54	3748973.46	0.034
442840.9	3748956.74	0.025
442888.42	3748944.42	0.036
442871.7	3748932.1	0.029
442872.58	3748910.98	0.026

442880.5	3748896.9	0.026
442906.02	3748895.14	0.031
442925.39	3748905.7	0.038
442928.03	3748871.38	0.032
442942.99	3748881.94	0.038
442959.71	3748871.38	0.040
442923.63	3748842.34	0.026
442937.71	3748821.22	0.025
442971.15	3748822.98	0.031
442986.11	3748841.46	0.040
442985.23	3748812.42	0.031
443001.95	3748822.1	0.037
443063.55	3748836.18	0.076
443064.43	3748815.06	0.058
443051.23	3748791.3	0.042
443003.71	3748799.22	0.032
442974.67	3748795.7	0.027
443038.91	3748779.86	0.035
443027.47	3748759.61	0.029
443023.95	3748743.77	0.026
443008.99	3748724.41	0.022
443008.99	3748702.41	0.021
443097.87	3748795.7	0.061
443090.83	3748778.98	0.047
443071.47	3748764.01	0.038
443064.43	3748742.01	0.032
443051.23	3748723.53	0.027
443042.43	3748707.69	0.024
443042.43	3748691.85	0.023
443141.87	3748742.01	0.040
443121.63	3748726.17	0.034
443107.55	3748705.05	0.029
443088.19	3748676.01	0.025
443145.39	3748708.57	0.033

443176.19	3748679.53	0.031
443103.15	3748670.73	0.025
443230.76	3748790.42	0.073
443242.2	3748767.54	0.054
443255.4	3748742.89	0.047
443265.08	3748712.97	0.043
443278.28	3748687.45	0.043
443297.64	3748659.29	0.048
443306.44	3748793.94	0.078
443339.88	3748786.02	0.092
443371.56	3748768.42	0.105
443392.68	3748756.97	0.116
443418.2	3748739.37	0.125
443444.6	3748724.41	0.135
443471.89	3748711.21	0.143
443496.53	3748694.49	0.142
443525.57	3748681.29	0.151
443548.45	3748668.09	0.145
443583.65	3748651.37	0.162
443383	3748960.26	0.061
443380.36	3748936.5	0.072
443370.68	3748910.1	0.104
443386.52	3748896.02	0.135
443423.48	3748874.9	0.150
443448.13	3748859.94	0.148
443465.73	3748849.38	0.145
443497.41	3748829.14	0.142
443513.25	3748820.34	0.139
443539.65	3748809.78	0.135
443559.89	3748803.62	0.132
443581.89	3748796.58	0.131
443602.13	3748793.06	0.126
443624.13	3748791.3	0.118
443642.61	3748786.9	0.121

443661.09	3748783.38	0.121
443683.97	3748786.02	0.106
443535.25	3748597.69	0.164
443511.49	3748617.05	0.153
443491.25	3748637.29	0.143
443468.37	3748647.85	0.152
443441.08	3748674.25	0.121
443414.68	3748689.21	0.108
443389.16	3748705.93	0.087
443307.32	3748632.01	0.050
443322.28	3748600.33	0.052
443336.36	3748572.17	0.053
443355.72	3748617.05	0.087
443377.72	3748583.61	0.099
443387.4	3748555.45	0.091
443399.72	3748531.69	0.099
443409.4	3748510.57	0.111
443339.88	3748550.17	0.051
443358.36	3748517.61	0.052
443360.12	3748489.44	0.049
443372.44	3748464.8	0.052
443394.44	3748441.04	0.052
443497.41	3748439.28	0.143
443522.05	3748422.56	0.107
443541.41	3748404.08	0.089
443557.25	3748392.64	0.081
443580.13	3748376.8	0.079
443602.13	3748365.36	0.081
443623.25	3748346	0.077
443653.17	3748335.44	0.089
443671.65	3748321.36	0.087
443508.85	3748368.88	0.053
443479.81	3748380.32	0.053
443526.45	3748355.68	0.051

443548.45	3748339.84	0.049
443571.33	3748324	0.049
443590.69	3748310.8	0.049
443612.69	3748296.72	0.048
443636.45	3748282.64	0.048
443654.93	3748265.92	0.046
443672.53	3748246.56	0.043
443689.25	3748231.6	0.041
443706.85	3748215.75	0.039
443691.02	3748297.6	0.075
443707.74	3748282.64	0.068
443725.34	3748266.8	0.061
443741.18	3748257.12	0.060
443759.66	3748243.03	0.061
443773.74	3748221.03	0.054
443794.86	3748203.43	0.053
443813.34	3748185.83	0.053
443824.78	3748163.83	0.050
443842.38	3748150.63	0.057
443794.86	3748123.35	0.039
443808.06	3748106.63	0.047
443773.74	3748145.35	0.036
443762.3	3748169.11	0.037
443749.1	3748183.19	0.038
443724.46	3748197.27	0.038
443669.01	3748506.17	0.185
443691.02	3748531.69	0.171
443709.5	3748544.89	0.165
443731.5	3748574.81	0.198
443760.54	3748588.01	0.199
443782.54	3748564.25	0.150
443807.18	3748539.61	0.130
443826.54	3748515.85	0.121
443852.94	3748491.21	0.119

443863.5	3748470.09	0.114
443881.98	3748439.28	0.108
443881.1	3748410.24	0.100
443899.59	3748423.44	0.110
443891.66	3748384.72	0.098
443911.07	3748370.97	0.098
443929.51	3748345.54	0.100
443939.05	3748329.01	0.100
443954.95	3748309.93	0.100
443975.29	3748291.49	0.101
443932.69	3748260.34	0.130
443907.9	3748288.95	0.130
443892	3748306.75	0.125
443878.65	3748325.19	0.118
443864.66	3748341.09	0.115
443848.13	3748357.62	0.117
443829.69	3748376.69	0.116
443795.99	3748384.96	0.135
443774.37	3748402.76	0.138
443747.03	3748423.75	0.148
443723.5	3748442.19	0.152
443705.7	3748458.72	0.150
443678.36	3748482.88	0.173
443730.5	3748499.41	0.124
443747.03	3748481.61	0.116
443773.1	3748465.71	0.111
443753.39	3748477.79	0.115
443778.19	3748500.05	0.110
443792.17	3748480.97	0.107
443816.97	3748455.54	0.103
443801.08	3748442.82	0.107
443815.7	3748424.38	0.106
443834.14	3748437.73	0.101
443855.06	3748084.13	0.067

443836.57	3748062.13	0.064
443812.81	3748041	0.068
443769.68	3747996.11	0.068
443828.65	3748013.72	0.040
443816.33	3747989.95	0.037
443813.69	3747954.75	0.032
443764.4	3747961.79	0.044
443730.07	3747945.06	0.058
443706.31	3747923.06	0.064
443688.7	3747902.81	0.062
443664.94	3747880.81	0.066
443646.45	3747852.64	0.057
443619.17	3747824.48	0.057
443604.2	3747805.99	0.057
443618.29	3747776.95	0.040
443639.41	3747752.3	0.038
443670.22	3747725.02	0.036
443702.78	3747688.05	0.045
443684.3	3747671.33	0.051
443719.51	3747704.77	0.044
443730.07	3747724.14	0.040
443752.96	3747739.98	0.044
443766.16	3747760.22	0.044
443789.04	3747782.23	0.048
443802.25	3747798.07	0.050
443819.85	3747817.44	0.055
443838.33	3747832.4	0.064
443855.06	3747848.24	0.070
443868.26	3747867.61	0.066
443885.86	3747890.49	0.059
443905.23	3747909.86	0.051
443919.31	3747930.1	0.044
443942.2	3747945.94	0.044
443955.4	3747961.79	0.038

443984.44	3747930.1	0.059
443991.49	3747911.62	0.086
443994.13	3747889.61	0.129
444004.69	3747868.49	0.122
444006.45	3747849.12	0.132
444014.37	3747831.52	0.130
444017.01	3747807.75	0.140
444024.93	3747790.15	0.139
444036.38	3747768.15	0.136
444047.82	3747747.9	0.133
444058.38	3747728.54	0.131
444071.58	3747710.05	0.126
444086.55	3747695.97	0.116
444102.39	3747681.89	0.107
444114.71	3747666.93	0.102
444132.32	3747655.48	0.092
444112.95	3747621.16	0.121
443727.52	3747635.24	0.062
443741.61	3747647.56	0.061
443754.81	3747668.68	0.070
443769.77	3747684.53	0.069
443780.34	3747695.09	0.066
443797.06	3747714.46	0.069
443809.38	3747727.66	0.071
443823.47	3747745.26	0.077
443846.35	3747775.19	0.096
443860.44	3747786.63	0.101
443868.36	3747769.91	0.085
443879.8	3747749.66	0.079
443887.72	3747723.26	0.074
443892.12	3747702.13	0.070
443895.64	3747682.77	0.066
443893	3747660.76	0.060
443893.88	3747640.52	0.059

443897.41	3747621.15	0.059
443900.05	3747604.43	0.059
443899.17	3747585.94	0.057
443901.81	3747563.94	0.058
443901.81	3747546.33	0.057
443904.45	3747526.97	0.057
443903.57	3747507.6	0.056
443901.81	3747487.36	0.053
443905.33	3747466.23	0.054
443904.45	3747445.99	0.050
443903.57	3747429.26	0.047
443904.45	3747407.26	0.047
443903.57	3747388.77	0.045
443900.93	3747365.01	0.043
443894.76	3747341.24	0.040
443891.24	3747320.99	0.038
443886.84	3747302.51	0.035
443883.32	3747278.74	0.034
443882.44	3747257.62	0.033
443875.4	3747240.89	0.029
443862.2	3747223.29	0.024
443848.99	3747203.92	0.019
443875.4	3747192.48	0.023
443893.88	3747174	0.024
443900.93	3747150.23	0.020
443879.8	3747124.7	0.015
443859.56	3747118.54	0.013
443821.71	3747120.3	0.012
444137.71	3747581.54	0.100
444132.43	3747563.06	0.102
444122.74	3747541.93	0.108
444115.7	3747514.64	0.107
444104.26	3747490.88	0.113
444093.7	3747447.75	0.110

444089.29	3747432.78	0.109
444084.01	3747410.78	0.104
444079.61	3747394.05	0.100
444066.41	3747371.17	0.100
444065.53	3747356.2	0.092
444057.61	3747328.92	0.084
444048.8	3747309.55	0.082
444041.76	3747289.31	0.077
444039.12	3747269.94	0.069
444032.08	3747252.34	0.066
444026.8	3747232.09	0.060
444024.16	3747211.85	0.051
444012.71	3747194.24	0.048
444009.19	3747178.4	0.039
444000.39	3747159.03	0.030
443990.71	3747139.67	0.024
443987.19	3747122.06	0.019
443544.98	3747753.94	0.033
443566.91	3747739.32	0.042
443582.75	3747705.21	0.034
443608.33	3747662.57	0.032
443585.18	3747683.28	0.028
443664.38	3747610.18	0.037
444061.69	3748396.73	0.095
443702.16	3748778.14	0.113
443720.87	3748761.68	0.136
443735.08	3748748.96	0.155
443761.27	3748751.2	0.126
443781.48	3748750.46	0.115
443799.43	3748733.25	0.136
443816.64	3748742.22	0.108
443859.29	3748707.06	0.113
443854.8	3748660.67	0.162
443872.01	3748652.43	0.143

443881.74	3748635.22	0.142
443889.22	3748615.02	0.145
443912.42	3748586.59	0.134
443949.73	3748543.05	0.119
443955.98	3748523.52	0.128
443964.58	3748509.45	0.129
443975.51	3748496.56	0.126
444002.47	3748489.92	0.104
443993.02	3748508.17	0.101
443984.29	3748521.95	0.100
443976.48	3748538.5	0.098
443964.53	3748550.91	0.101
443950.29	3748565.15	0.106
443942.47	3748583.07	0.104
444015.08	3748474.62	0.100
444023.81	3748461.29	0.099
444033	3748446.13	0.097
444049.55	3748429.58	0.091
444052.31	3748411.2	0.096
443186.88	3748634.7	0.028
443201.94	3748608.36	0.028
443224.52	3748583.89	0.028
443237.69	3748551.9	0.029
443250.87	3748525.56	0.029
443267.8	3748491.68	0.028
443290.38	3748454.05	0.028
443299.79	3748416.41	0.026
443299.79	3748384.42	0.024
443301.68	3748352.43	0.022
443305.44	3748320.44	0.021
443117.28	3748611.37	0.022
443090.7	3748626.39	0.021
443162.35	3748585.94	0.024
443179.69	3748558.2	0.024

443190.09	3748530.47	0.023
443205.11	3748494.64	0.022
443229.38	3748456.5	0.022
443231.69	3748413.74	0.020
443252.5	3748389.47	0.020
443186.62	3748471.53	0.020
443141.55	3748525.84	0.020
443138.08	3748498.11	0.018
443150.79	3748472.68	0.018
443169.29	3748447.26	0.018
443183.15	3748419.52	0.018
443202.8	3748396.41	0.018
443224.76	3748373.29	0.018
443238.63	3748345.56	0.018
443112.66	3748590.56	0.021
443080.3	3748597.5	0.019
443072.21	3748572.07	0.018
443103.41	3748554.74	0.019
443093.01	3748532.78	0.018
444066.11	3748315.51	0.103
444098.47	3748350.18	0.099
444078.82	3748294.7	0.068
444089.22	3748273.9	0.054
444096.16	3748253.1	0.046
444111.18	3748321.29	0.061
444131.98	3748302.79	0.046
444135.45	3748284.3	0.041
443313.52	3748260.81	0.018
443230.72	3748275.87	0.015
443260.83	3748238.23	0.015
443274	3748215.65	0.015
443304.11	3748178.01	0.015
443198.73	3748330.44	0.015
443155.44	3748373.72	0.015

443119.69	3748411.36	0.015
443100.87	3748441.47	0.015
443093.34	3748477.23	0.016
443080.17	3748501.69	0.016
443718.12	3747857.82	0.032
443737.76	3747882.38	0.033
443765.27	3747898.1	0.032
443754.46	3747918.73	0.035
443696.5	3747826.38	0.031
443672.93	3747804.77	0.031
443726.96	3747844.07	0.031
443710.26	3747771.37	0.031
443737.76	3747790.04	0.032
443746.61	3747808.7	0.032
443762.32	3747821.47	0.034
443787.87	3747845.05	0.036
443800.64	3747866.66	0.036
443806.53	3747929.53	0.032
443520.64	3747701.59	0.018
443551.64	3747661.73	0.018
443591.49	3747635.16	0.021
443836.47	3747717.7	0.059
443840.73	3747688.6	0.052
443841.44	3747663.76	0.047
443804.53	3747670.15	0.046
443787.49	3747657.37	0.043
443777.55	3747633.95	0.038
443744.9	3747619.04	0.037
443761.94	3747606.26	0.031
443844.28	3747623.3	0.040
443847.12	3747599.87	0.039
443852.79	3747578.58	0.038
443849.96	3747558	0.036
443849.96	3747537.41	0.035

443854.92	3747518.25	0.035
443847.12	3747495.53	0.032
443853.5	3747478.5	0.033
443850.67	3747457.2	0.031
443854.21	3747438.75	0.031
443849.96	3747397.58	0.028
443854.21	3747418.16	0.030
443853.5	3747378.41	0.028
443843.57	3747336.54	0.025
443836.47	3747315.24	0.023
443829.37	3747296.08	0.021
443827.95	3747274.07	0.020
443816.59	3747254.2	0.018
443805.95	3747236.45	0.016
443803.11	3747219.42	0.015
443838.6	3747186.06	0.017
443838.6	3747171.15	0.015
443970.69	3747984.97	0.032
443980.63	3747995.62	0.030
443994.83	3748014.08	0.028
444006.19	3748026.85	0.027
444016.83	3748040.34	0.026
444040.26	3748051.7	0.026
444048.78	3748065.89	0.025
444060.13	3748085.77	0.026
444079.3	3748100.68	0.026
444088.53	3748117	0.026
444101.3	3748132.62	0.027
444114.79	3748147.53	0.027
444129.7	3748161.72	0.027
444141.76	3748177.34	0.028
444158.09	3748180.89	0.026
444169.45	3748204.31	0.026
444190.03	3748217.09	0.025

444192.83	3748193.06	0.023
444195.33	3748122.7	0.021
444008.68	3747956.49	0.037
444019.33	3747969.98	0.032
444042.75	3747981.34	0.029
444051.27	3747995.53	0.027
444062.63	3748015.41	0.026
444081.79	3748030.32	0.025
444091.02	3748046.64	0.024
444103.8	3748062.26	0.024
444117.29	3748077.17	0.024
444132.19	3748091.36	0.023
444144.26	3748106.98	0.023
444160.59	3748110.53	0.023
444171.94	3748133.95	0.023
444192.53	3748146.73	0.021
444143.39	3748498.91	0.053
444154.04	3748512.39	0.051
444177.46	3748523.75	0.051
444185.98	3748537.95	0.048
444197.34	3748557.82	0.045
444216.5	3748572.73	0.045
444225.73	3748589.05	0.042
444238.51	3748604.67	0.041
444251.99	3748619.58	0.040
444266.9	3748633.77	0.041
444278.97	3748649.39	0.040
444295.29	3748652.94	0.049
444306.65	3748676.37	0.048
444237.65	3748593.44	0.045
444061.66	3748440.72	0.080
444085.08	3748452.08	0.068
444093.6	3748466.28	0.064
444104.96	3748486.15	0.058

444124.12	3748501.06	0.053
444133.35	3748517.39	0.050
444146.13	3748533	0.047
444159.61	3748547.91	0.044
444174.52	3748562.11	0.042
444186.59	3748577.72	0.040
444202.91	3748581.27	0.041
444214.27	3748604.7	0.038
444234.86	3748617.47	0.038
443957.64	3748095.6	0.035
CONCUNIT ug	/m^3	0.000
DEPUNIT g/m	^2	0.000
0	0	0.000

Trails of Corona

tier IV

Cancer Risk Impacts from Construction at the Maximum Impacted Sensitive Receptor - Adult

Cancer Potency Factor:	1.1	$(mg/kg\text{-}day)^{-1}$
Exposure Frequency	350	days/year
Averaging Period	25550	days

Year	DPM Concentration (ug/m3)	Age Sensitivty Factor	Daily Breathing Rate (L/kg-day)	Time At Home Factor	Exposure Duration (years)	Unit Risk Factor $(ug/m3)^{-1}$
2019-2024	1	1	261	1	1	3.9

Air Toxics NSR Program Health Risk Assessment (HRA) Guidelines

Trails of Corona

tier IV

at Sensitive Receptors

Estimated Cancer Risks from Construction DPM

		Adult Cancer
X	**Y**	**2019-2024**
(m)	**(m)**	**(/million)**
443543.62	3748016.2	0.003
443581.38	3748016.2	0.003
443619.14	3748016.2	0.003
443656.9	3748016.2	0.004
443694.66	3748016.2	0.004
443732.42	3748016.2	0.006
443543.62	3748046.66	0.003
443581.38	3748046.66	0.003
443619.14	3748046.66	0.003
443656.9	3748046.66	0.003
443694.66	3748046.66	0.004
443732.42	3748046.66	0.005
443543.62	3748077.12	0.003
443581.38	3748077.12	0.003
443619.14	3748077.12	0.003
443656.9	3748077.12	0.003
443694.66	3748077.12	0.004
443732.42	3748077.12	0.005
443543.62	3748107.58	0.003
443581.38	3748107.58	0.003
443619.14	3748107.58	0.003
443656.9	3748107.58	0.004
443694.66	3748107.58	0.004
443732.42	3748107.58	0.004
443543.62	3748138.04	0.003
443581.38	3748138.04	0.003

Maximum Caner Risk

0.03

SCAQMD threshold of significance

10

Exceed thresholds?

No

443619.14	3748138.04	0.003
443656.9	3748138.04	0.004
443694.66	3748138.04	0.004
443732.42	3748138.04	0.005
443543.62	3748168.5	0.003
443581.38	3748168.5	0.004
443619.14	3748168.5	0.004
443656.9	3748168.5	0.004
443694.66	3748168.5	0.005
443732.42	3748168.5	0.005
444172.99	3747085.77	0.002
444272.99	3747085.77	0.002
444372.99	3747085.77	0.001
444472.99	3747085.77	0.001
444572.99	3747085.77	0.001
444672.99	3747085.77	0.001
444772.99	3747085.77	0.001
444872.99	3747085.77	0.001
444972.99	3747085.77	0.001
445072.99	3747085.77	0.001
445172.99	3747085.77	0.001
445272.99	3747085.77	0.001
445372.99	3747085.77	0.001
445472.99	3747085.77	0.001
445572.99	3747085.77	0.000
444172.99	3747185.77	0.003
444272.99	3747185.77	0.002
444372.99	3747185.77	0.002
444472.99	3747185.77	0.002
444572.99	3747185.77	0.001
444672.99	3747185.77	0.001
444772.99	3747185.77	0.001
444872.99	3747185.77	0.001
444972.99	3747185.77	0.001

445072.99	3747185.77	0.001
445172.99	3747185.77	0.001
445272.99	3747185.77	0.001
445372.99	3747185.77	0.001
445472.99	3747185.77	0.001
445572.99	3747185.77	0.001
444172.99	3747285.77	0.005
444272.99	3747285.77	0.003
444372.99	3747285.77	0.002
444472.99	3747285.77	0.002
444572.99	3747285.77	0.002
444672.99	3747285.77	0.001
444772.99	3747285.77	0.001
444872.99	3747285.77	0.001
444972.99	3747285.77	0.001
445072.99	3747285.77	0.001
445172.99	3747285.77	0.001
445272.99	3747285.77	0.001
445372.99	3747285.77	0.001
445472.99	3747285.77	0.001
445572.99	3747285.77	0.001
444172.99	3747385.77	0.007
444272.99	3747385.77	0.004
444372.99	3747385.77	0.003
444472.99	3747385.77	0.002
444572.99	3747385.77	0.002
444672.99	3747385.77	0.002
444772.99	3747385.77	0.001
444872.99	3747385.77	0.001
444972.99	3747385.77	0.001
445072.99	3747385.77	0.001
445172.99	3747385.77	0.001
445272.99	3747385.77	0.001
445372.99	3747385.77	0.001

445472.99	3747385.77	0.001
445572.99	3747385.77	0.001
444172.99	3747485.77	0.009
444272.99	3747485.77	0.006
444372.99	3747485.77	0.004
444472.99	3747485.77	0.003
444572.99	3747485.77	0.002
444672.99	3747485.77	0.002
444772.99	3747485.77	0.001
444872.99	3747485.77	0.001
444972.99	3747485.77	0.001
445072.99	3747485.77	0.001
445172.99	3747485.77	0.001
445272.99	3747485.77	0.001
445372.99	3747485.77	0.001
445472.99	3747485.77	0.001
445572.99	3747485.77	0.001
444172.99	3747585.77	0.011
444272.99	3747585.77	0.006
444372.99	3747585.77	0.004
444472.99	3747585.77	0.003
444572.99	3747585.77	0.002
444672.99	3747585.77	0.002
444772.99	3747585.77	0.002
444872.99	3747585.77	0.001
444972.99	3747585.77	0.001
445072.99	3747585.77	0.001
445172.99	3747585.77	0.001
445272.99	3747585.77	0.001
445372.99	3747585.77	0.001
445472.99	3747585.77	0.001
445572.99	3747585.77	0.001
444172.99	3747685.77	0.010
444272.99	3747685.77	0.006

444372.99	3747685.77	0.004
444472.99	3747685.77	0.003
444572.99	3747685.77	0.002
444672.99	3747685.77	0.002
444772.99	3747685.77	0.002
444872.99	3747685.77	0.001
444972.99	3747685.77	0.001
445072.99	3747685.77	0.001
445172.99	3747685.77	0.001
445272.99	3747685.77	0.001
445372.99	3747685.77	0.001
445472.99	3747685.77	0.001
445572.99	3747685.77	0.001
444172.99	3747785.77	0.008
444272.99	3747785.77	0.005
444372.99	3747785.77	0.004
444472.99	3747785.77	0.003
444572.99	3747785.77	0.002
444672.99	3747785.77	0.002
444772.99	3747785.77	0.002
444872.99	3747785.77	0.001
444972.99	3747785.77	0.001
445072.99	3747785.77	0.001
445172.99	3747785.77	0.001
445272.99	3747785.77	0.001
445372.99	3747785.77	0.001
445472.99	3747785.77	0.001
445572.99	3747785.77	0.001
444172.99	3747885.77	0.005
444272.99	3747885.77	0.004
444372.99	3747885.77	0.003
444472.99	3747885.77	0.002
444572.99	3747885.77	0.002
444672.99	3747885.77	0.002

444772.99	3747885.77	0.002
444872.99	3747885.77	0.001
444972.99	3747885.77	0.001
445072.99	3747885.77	0.001
445172.99	3747885.77	0.001
445272.99	3747885.77	0.001
445372.99	3747885.77	0.001
445472.99	3747885.77	0.001
445572.99	3747885.77	0.001
444172.99	3747985.77	0.004
444272.99	3747985.77	0.003
444372.99	3747985.77	0.002
444472.99	3747985.77	0.002
444572.99	3747985.77	0.002
444672.99	3747985.77	0.002
444772.99	3747985.77	0.001
444872.99	3747985.77	0.001
444972.99	3747985.77	0.001
445072.99	3747985.77	0.001
445172.99	3747985.77	0.001
445272.99	3747985.77	0.001
445372.99	3747985.77	0.001
445472.99	3747985.77	0.001
445572.99	3747985.77	0.001
444172.99	3748085.77	0.003
444272.99	3748085.77	0.003
444372.99	3748085.77	0.002
444472.99	3748085.77	0.002
444572.99	3748085.77	0.002
444672.99	3748085.77	0.002
444772.99	3748085.77	0.001
444872.99	3748085.77	0.001
444972.99	3748085.77	0.001
445072.99	3748085.77	0.001

445172.99	3748085.77	0.001
445272.99	3748085.77	0.001
445372.99	3748085.77	0.001
445472.99	3748085.77	0.001
445572.99	3748085.77	0.001
444172.99	3748185.77	0.004
444272.99	3748185.77	0.003
444372.99	3748185.77	0.002
444472.99	3748185.77	0.002
444572.99	3748185.77	0.002
444672.99	3748185.77	0.002
444772.99	3748185.77	0.001
444872.99	3748185.77	0.001
444972.99	3748185.77	0.001
445072.99	3748185.77	0.001
445172.99	3748185.77	0.001
445272.99	3748185.77	0.001
445372.99	3748185.77	0.001
445472.99	3748185.77	0.001
445572.99	3748185.77	0.001
444172.99	3748285.77	0.005
444272.99	3748285.77	0.004
444372.99	3748285.77	0.003
444472.99	3748285.77	0.002
444572.99	3748285.77	0.002
444672.99	3748285.77	0.002
444772.99	3748285.77	0.001
444872.99	3748285.77	0.001
444972.99	3748285.77	0.001
445072.99	3748285.77	0.001
445172.99	3748285.77	0.001
445272.99	3748285.77	0.001
445372.99	3748285.77	0.001
445472.99	3748285.77	0.001

445572.99	3748285.77	0.001
444172.99	3748385.77	0.008
444272.99	3748385.77	0.005
444372.99	3748385.77	0.003
444472.99	3748385.77	0.003
444572.99	3748385.77	0.002
444672.99	3748385.77	0.002
444772.99	3748385.77	0.001
444872.99	3748385.77	0.001
444972.99	3748385.77	0.001
445072.99	3748385.77	0.001
445172.99	3748385.77	0.001
445272.99	3748385.77	0.001
445372.99	3748385.77	0.001
445472.99	3748385.77	0.001
445572.99	3748385.77	0.001
444172.99	3748485.77	0.011
444272.99	3748485.77	0.006
444372.99	3748485.77	0.004
444472.99	3748485.77	0.003
444572.99	3748485.77	0.002
444672.99	3748485.77	0.002
444772.99	3748485.77	0.002
444872.99	3748485.77	0.001
444972.99	3748485.77	0.001
445072.99	3748485.77	0.001
445172.99	3748485.77	0.001
445272.99	3748485.77	0.001
445372.99	3748485.77	0.001
445472.99	3748485.77	0.001
445572.99	3748485.77	0.001
443047.86	3748855.7	0.013
443030.11	3748868.74	0.013
443016.91	3748884.58	0.014

442999.31	3748898.66	0.013
442983.47	3748918.02	0.014
442962.35	3748934.74	0.013
442947.39	3748948.82	0.012
442935.07	3748963.78	0.012
442916.59	3748985.78	0.012
442898.98	3749001.62	0.011
442881.38	3749017.46	0.010
442868.18	3749033.31	0.009
442854.1	3749046.51	0.007
442832.98	3749062.35	0.005
442816.26	3749081.71	0.004
442801.3	3749094.91	0.003
442780.18	3749111.63	0.002
442764.34	3749127.47	0.002
442750.26	3749130.11	0.002
442722.1	3749138.03	0.002
442705.38	3749146.83	0.001
442678.1	3749144.19	0.001
442659.62	3749147.71	0.001
442638.49	3749145.07	0.001
442662.26	3749101.07	0.001
442694.82	3749095.79	0.002
442709.78	3749094.03	0.002
442730.02	3749086.99	0.002
442752.02	3749068.51	0.002
442796.9	3749035.95	0.003
442817.14	3749007.78	0.004
442845.3	3748987.54	0.004
442865.54	3748973.46	0.005
442840.9	3748956.74	0.004
442888.42	3748944.42	0.005
442871.7	3748932.1	0.004

442872.58	3748910.98	0.004
442880.5	3748896.9	0.004
442906.02	3748895.14	0.005
442925.39	3748905.7	0.006
442928.03	3748871.38	0.005
442942.99	3748881.94	0.006
442959.71	3748871.38	0.006
442923.63	3748842.34	0.004
442937.71	3748821.22	0.004
442971.15	3748822.98	0.005
442986.11	3748841.46	0.006
442985.23	3748812.42	0.005
443001.95	3748822.1	0.006
443063.55	3748836.18	0.012
443064.43	3748815.06	0.009
443051.23	3748791.3	0.006
443003.71	3748799.22	0.005
442974.67	3748795.7	0.004
443038.91	3748779.86	0.005
443027.47	3748759.61	0.004
443023.95	3748743.77	0.004
443008.99	3748724.41	0.003
443008.99	3748702.41	0.003
443097.87	3748795.7	0.009
443090.83	3748778.98	0.007
443071.47	3748764.01	0.006
443064.43	3748742.01	0.005
443051.23	3748723.53	0.004
443042.43	3748707.69	0.004
443042.43	3748691.85	0.003
443141.87	3748742.01	0.006
443121.63	3748726.17	0.005
443107.55	3748705.05	0.004
443088.19	3748676.01	0.004

443145.39	3748708.57	0.005
443176.19	3748679.53	0.005
443103.15	3748670.73	0.004
443230.76	3748790.42	0.011
443242.2	3748767.54	0.008
443255.4	3748742.89	0.007
443265.08	3748712.97	0.007
443278.28	3748687.45	0.007
443297.64	3748659.29	0.007
443306.44	3748793.94	0.012
443339.88	3748786.02	0.014
443371.56	3748768.42	0.016
443392.68	3748756.97	0.018
443418.2	3748739.37	0.019
443444.6	3748724.41	0.020
443471.89	3748711.21	0.022
443496.53	3748694.49	0.022
443525.57	3748681.29	0.023
443548.45	3748668.09	0.022
443583.65	3748651.37	0.025
443383	3748960.26	0.009
443380.36	3748936.5	0.011
443370.68	3748910.1	0.016
443386.52	3748896.02	0.021
443423.48	3748874.9	0.023
443448.13	3748859.94	0.023
443465.73	3748849.38	0.022
443497.41	3748829.14	0.022
443513.25	3748820.34	0.021
443539.65	3748809.78	0.020
443559.89	3748803.62	0.020
443581.89	3748796.58	0.020
443602.13	3748793.06	0.019
443624.13	3748791.3	0.018

443642.61	3748786.9	0.018
443661.09	3748783.38	0.018
443683.97	3748786.02	0.016
443535.25	3748597.69	0.025
443511.49	3748617.05	0.023
443491.25	3748637.29	0.022
443468.37	3748647.85	0.023
443441.08	3748674.25	0.018
443414.68	3748689.21	0.016
443389.16	3748705.93	0.013
443307.32	3748632.01	0.008
443322.28	3748600.33	0.008
443336.36	3748572.17	0.008
443355.72	3748617.05	0.013
443377.72	3748583.61	0.015
443387.4	3748555.45	0.014
443399.72	3748531.69	0.015
443409.4	3748510.57	0.017
443339.88	3748550.17	0.008
443358.36	3748517.61	0.008
443360.12	3748489.44	0.007
443372.44	3748464.8	0.008
443394.44	3748441.04	0.008
443497.41	3748439.28	0.022
443522.05	3748422.56	0.016
443541.41	3748404.08	0.014
443557.25	3748392.64	0.012
443580.13	3748376.8	0.012
443602.13	3748365.36	0.012
443623.25	3748346	0.012
443653.17	3748335.44	0.013
443671.65	3748321.36	0.013
443508.85	3748368.88	0.008
443479.81	3748380.32	0.008

443526.45	3748355.68	0.008
443548.45	3748339.84	0.008
443571.33	3748324	0.007
443590.69	3748310.8	0.007
443612.69	3748296.72	0.007
443636.45	3748282.64	0.007
443654.93	3748265.92	0.007
443672.53	3748246.56	0.006
443689.25	3748231.6	0.006
443706.85	3748215.75	0.006
443691.02	3748297.6	0.011
443707.74	3748282.64	0.010
443725.34	3748266.8	0.009
443741.18	3748257.12	0.009
443759.66	3748243.03	0.009
443773.74	3748221.03	0.008
443794.86	3748203.43	0.008
443813.34	3748185.83	0.008
443824.78	3748163.83	0.008
443842.38	3748150.63	0.009
443794.86	3748123.35	0.006
443808.06	3748106.63	0.007
443773.74	3748145.35	0.005
443762.3	3748169.11	0.006
443749.1	3748183.19	0.006
443724.46	3748197.27	0.006
443669.01	3748506.17	0.028
443691.02	3748531.69	0.026
443709.5	3748544.89	0.025
443731.5	3748574.81	0.030
443760.54	3748588.01	0.030
443782.54	3748564.25	0.023
443807.18	3748539.61	0.020
443826.54	3748515.85	0.018

443852.94	3748491.21	0.018
443863.5	3748470.09	0.017
443881.98	3748439.28	0.016
443881.1	3748410.24	0.015
443899.59	3748423.44	0.017
443891.66	3748384.72	0.015
443911.07	3748370.97	0.015
443929.51	3748345.54	0.015
443939.05	3748329.01	0.015
443954.95	3748309.93	0.015
443975.29	3748291.49	0.015
443932.69	3748260.34	0.020
443907.9	3748288.95	0.020
443892	3748306.75	0.019
443878.65	3748325.19	0.018
443864.66	3748341.09	0.017
443848.13	3748357.62	0.018
443829.69	3748376.69	0.018
443795.99	3748384.96	0.021
443774.37	3748402.76	0.021
443747.03	3748423.75	0.022
443723.5	3748442.19	0.023
443705.7	3748458.72	0.023
443678.36	3748482.88	0.026
443730.5	3748499.41	0.019
443747.03	3748481.61	0.018
443773.1	3748465.71	0.017
443753.39	3748477.79	0.017
443778.19	3748500.05	0.017
443792.17	3748480.97	0.016
443816.97	3748455.54	0.016
443801.08	3748442.82	0.016
443815.7	3748424.38	0.016
443834.14	3748437.73	0.015

443855.06	3748084.13	0.010
443836.57	3748062.13	0.010
443812.81	3748041	0.010
443769.68	3747996.11	0.010
443828.65	3748013.72	0.006
443816.33	3747989.95	0.006
443813.69	3747954.75	0.005
443764.4	3747961.79	0.007
443730.07	3747945.06	0.009
443706.31	3747923.06	0.010
443688.7	3747902.81	0.009
443664.94	3747880.81	0.010
443646.45	3747852.64	0.009
443619.17	3747824.48	0.009
443604.2	3747805.99	0.009
443618.29	3747776.95	0.006
443639.41	3747752.3	0.006
443670.22	3747725.02	0.005
443702.78	3747688.05	0.007
443684.3	3747671.33	0.008
443719.51	3747704.77	0.007
443730.07	3747724.14	0.006
443752.96	3747739.98	0.007
443766.16	3747760.22	0.007
443789.04	3747782.23	0.007
443802.25	3747798.07	0.008
443819.85	3747817.44	0.008
443838.33	3747832.4	0.010
443855.06	3747848.24	0.011
443868.26	3747867.61	0.010
443885.86	3747890.49	0.009
443905.23	3747909.86	0.008
443919.31	3747930.1	0.007
443942.2	3747945.94	0.007

443955.4	3747961.79	0.006
443984.44	3747930.1	0.009
443991.49	3747911.62	0.013
443994.13	3747889.61	0.020
444004.69	3747868.49	0.019
444006.45	3747849.12	0.020
444014.37	3747831.52	0.020
444017.01	3747807.75	0.021
444024.93	3747790.15	0.021
444036.38	3747768.15	0.021
444047.82	3747747.9	0.020
444058.38	3747728.54	0.020
444071.58	3747710.05	0.019
444086.55	3747695.97	0.018
444102.39	3747681.89	0.016
444114.71	3747666.93	0.016
444132.32	3747655.48	0.014
444112.95	3747621.16	0.018
443727.52	3747635.24	0.009
443741.61	3747647.56	0.009
443754.81	3747668.68	0.011
443769.77	3747684.53	0.011
443780.34	3747695.09	0.010
443797.06	3747714.46	0.010
443809.38	3747727.66	0.011
443823.47	3747745.26	0.012
443846.35	3747775.19	0.015
443860.44	3747786.63	0.015
443868.36	3747769.91	0.013
443879.8	3747749.66	0.012
443887.72	3747723.26	0.011
443892.12	3747702.13	0.011
443895.64	3747682.77	0.010
443893	3747660.76	0.009

443893.88	3747640.52	0.009
443897.41	3747621.15	0.009
443900.05	3747604.43	0.009
443899.17	3747585.94	0.009
443901.81	3747563.94	0.009
443901.81	3747546.33	0.009
443904.45	3747526.97	0.009
443903.57	3747507.6	0.008
443901.81	3747487.36	0.008
443905.33	3747466.23	0.008
443904.45	3747445.99	0.008
443903.57	3747429.26	0.007
443904.45	3747407.26	0.007
443903.57	3747388.77	0.007
443900.93	3747365.01	0.007
443894.76	3747341.24	0.006
443891.24	3747320.99	0.006
443886.84	3747302.51	0.005
443883.32	3747278.74	0.005
443882.44	3747257.62	0.005
443875.4	3747240.89	0.004
443862.2	3747223.29	0.004
443848.99	3747203.92	0.003
443875.4	3747192.48	0.004
443893.88	3747174	0.004
443900.93	3747150.23	0.003
443879.8	3747124.7	0.002
443859.56	3747118.54	0.002
443821.71	3747120.3	0.002
444137.71	3747581.54	0.015
444132.43	3747563.06	0.016
444122.74	3747541.93	0.016
444115.7	3747514.64	0.016
444104.26	3747490.88	0.017

444093.7	3747447.75	0.017
444089.29	3747432.78	0.017
444084.01	3747410.78	0.016
444079.61	3747394.05	0.015
444066.41	3747371.17	0.015
444065.53	3747356.2	0.014
444057.61	3747328.92	0.013
444048.8	3747309.55	0.012
444041.76	3747289.31	0.012
444039.12	3747269.94	0.010
444032.08	3747252.34	0.010
444026.8	3747232.09	0.009
444024.16	3747211.85	0.008
444012.71	3747194.24	0.007
444009.19	3747178.4	0.006
444000.39	3747159.03	0.005
443990.71	3747139.67	0.004
443987.19	3747122.06	0.003
443544.98	3747753.94	0.005
443566.91	3747739.32	0.006
443582.75	3747705.21	0.005
443608.33	3747662.57	0.005
443585.18	3747683.28	0.004
443664.38	3747610.18	0.006
444061.69	3748396.73	0.014
443702.16	3748778.14	0.017
443720.87	3748761.68	0.021
443735.08	3748748.96	0.024
443761.27	3748751.2	0.019
443781.48	3748750.46	0.017
443799.43	3748733.25	0.021
443816.64	3748742.22	0.016
443859.29	3748707.06	0.017
443854.8	3748660.67	0.025

443872.01	3748652.43	0.022
443881.74	3748635.22	0.022
443889.22	3748615.02	0.022
443912.42	3748586.59	0.020
443949.73	3748543.05	0.018
443955.98	3748523.52	0.019
443964.58	3748509.45	0.020
443975.51	3748496.56	0.019
444002.47	3748489.92	0.016
443993.02	3748508.17	0.015
443984.29	3748521.95	0.015
443976.48	3748538.5	0.015
443964.53	3748550.91	0.015
443950.29	3748565.15	0.016
443942.47	3748583.07	0.016
444015.08	3748474.62	0.015
444023.81	3748461.29	0.015
444033	3748446.13	0.015
444049.55	3748429.58	0.014
444052.31	3748411.2	0.015
443186.88	3748634.7	0.004
443201.94	3748608.36	0.004
443224.52	3748583.89	0.004
443237.69	3748551.9	0.004
443250.87	3748525.56	0.004
443267.8	3748491.68	0.004
443290.38	3748454.05	0.004
443299.79	3748416.41	0.004
443299.79	3748384.42	0.004
443301.68	3748352.43	0.003
443305.44	3748320.44	0.003
443117.28	3748611.37	0.003
443090.7	3748626.39	0.003
443162.35	3748585.94	0.004

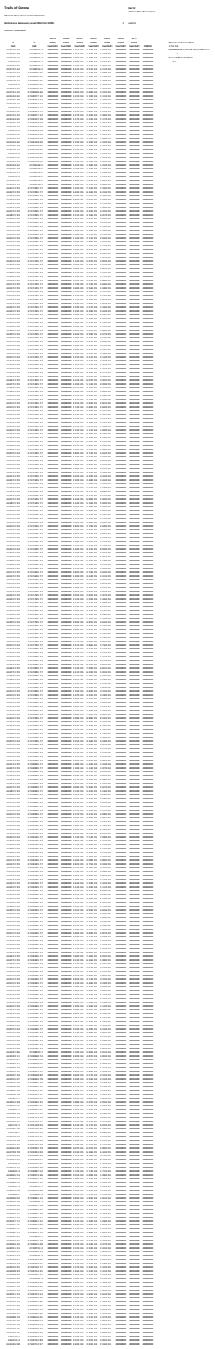
443179.69	3748558.2	0.004
443190.09	3748530.47	0.003
443205.11	3748494.64	0.003
443229.38	3748456.5	0.003
443231.69	3748413.74	0.003
443252.5	3748389.47	0.003
443186.62	3748471.53	0.003
443141.55	3748525.84	0.003
443138.08	3748498.11	0.003
443150.79	3748472.68	0.003
443169.29	3748447.26	0.003
443183.15	3748419.52	0.003
443202.8	3748396.41	0.003
443224.76	3748373.29	0.003
443238.63	3748345.56	0.003
443112.66	3748590.56	0.003
443080.3	3748597.5	0.003
443072.21	3748572.07	0.003
443103.41	3748554.74	0.003
443093.01	3748532.78	0.003
444066.11	3748315.51	0.016
444098.47	3748350.18	0.015
444078.82	3748294.7	0.010
444089.22	3748273.9	0.008
444096.16	3748253.1	0.007
444111.18	3748321.29	0.009
444131.98	3748302.79	0.007
444135.45	3748284.3	0.006
443313.52	3748260.81	0.003
443230.72	3748275.87	0.002
443260.83	3748238.23	0.002
443274	3748215.65	0.002
443304.11	3748178.01	0.002
443198.73	3748330.44	0.002

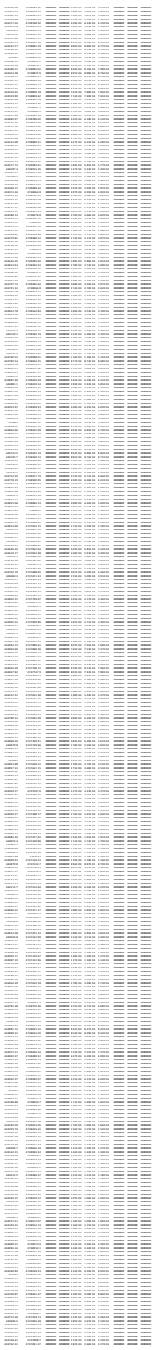
443155.44	3748373.72	0.002
443119.69	3748411.36	0.002
443100.87	3748441.47	0.002
443093.34	3748477.23	0.002
443080.17	3748501.69	0.002
443718.12	3747857.82	0.005
443737.76	3747882.38	0.005
443765.27	3747898.1	0.005
443754.46	3747918.73	0.005
443696.5	3747826.38	0.005
443672.93	3747804.77	0.005
443726.96	3747844.07	0.005
443710.26	3747771.37	0.005
443737.76	3747790.04	0.005
443746.61	3747808.7	0.005
443762.32	3747821.47	0.005
443787.87	3747845.05	0.005
443800.64	3747866.66	0.005
443806.53	3747929.53	0.005
443520.64	3747701.59	0.003
443551.64	3747661.73	0.003
443591.49	3747635.16	0.003
443836.47	3747717.7	0.009
443840.73	3747688.6	0.008
443841.44	3747663.76	0.007
443804.53	3747670.15	0.007
443787.49	3747657.37	0.007
443777.55	3747633.95	0.006
443744.9	3747619.04	0.006
443761.94	3747606.26	0.005
443844.28	3747623.3	0.006
443847.12	3747599.87	0.006
443852.79	3747578.58	0.006
443849.96	3747558	0.005

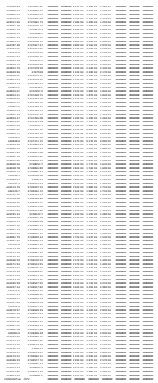
443849.96	3747537.41	0.005
443854.92	3747518.25	0.005
443847.12	3747495.53	0.005
443853.5	3747478.5	0.005
443850.67	3747457.2	0.005
443854.21	3747438.75	0.005
443849.96	3747397.58	0.004
443854.21	3747418.16	0.005
443853.5	3747378.41	0.004
443843.57	3747336.54	0.004
443836.47	3747315.24	0.004
443829.37	3747296.08	0.003
443827.95	3747274.07	0.003
443816.59	3747254.2	0.003
443805.95	3747236.45	0.002
443803.11	3747219.42	0.002
443838.6	3747186.06	0.003
443838.6	3747171.15	0.002
443970.69	3747984.97	0.005
443980.63	3747995.62	0.005
443994.83	3748014.08	0.004
444006.19	3748026.85	0.004
444016.83	3748040.34	0.004
444040.26	3748051.7	0.004
444048.78	3748065.89	0.004
444060.13	3748085.77	0.004
444079.3	3748100.68	0.004
444088.53	3748117	0.004
444101.3	3748132.62	0.004
444114.79	3748147.53	0.004
444129.7	3748161.72	0.004
444141.76	3748177.34	0.004
444158.09	3748180.89	0.004
444169.45	3748204.31	0.004

444190.03	3748217.09	0.004
444192.83	3748193.06	0.004
444195.33	3748122.7	0.003
444008.68	3747956.49	0.006
444019.33	3747969.98	0.005
444042.75	3747981.34	0.004
444051.27	3747995.53	0.004
444062.63	3748015.41	0.004
444081.79	3748030.32	0.004
444091.02	3748046.64	0.004
444103.8	3748062.26	0.004
444117.29	3748077.17	0.004
444132.19	3748091.36	0.004
444144.26	3748106.98	0.004
444160.59	3748110.53	0.003
444171.94	3748133.95	0.003
444192.53	3748146.73	0.003
444143.39	3748498.91	0.008
444154.04	3748512.39	0.008
444177.46	3748523.75	0.008
444185.98	3748537.95	0.007
444197.34	3748557.82	0.007
444216.5	3748572.73	0.007
444225.73	3748589.05	0.006
444238.51	3748604.67	0.006
444251.99	3748619.58	0.006
444266.9	3748633.77	0.006
444278.97	3748649.39	0.006
444295.29	3748652.94	0.007
444306.65	3748676.37	0.007
444237.65	3748593.44	0.007
444061.66	3748440.72	0.012
444085.08	3748452.08	0.010
444093.6	3748466.28	0.010

444104.96	3748486.15	0.009
444124.12	3748501.06	0.008
444133.35	3748517.39	0.008
444146.13	3748533	0.007
444159.61	3748547.91	0.007
444174.52	3748562.11	0.006
444186.59	3748577.72	0.006
444202.91	3748581.27	0.006
444214.27	3748604.7	0.006
444234.86	3748617.47	0.006
443957.64	3748095.6	0.005
CONCUNIT ug	/m^3	0.000
DEPUNIT g/m	^2	0.000
0	0	0.000







Trails of Corona Phase II **No Mitigation**

Construction Annual DPM Emissions (as PM10 Exhaust)

Construction Scheduling	**2022**	
	8 hours/day	
	5 days/week	
	52 weeks/year	start from 1/2/2022
	2080 hours/year	

Onsite Construction Area Source Size (m2): 69702.6 from AERMOD

Onsite Construction PM10 Emissions

2022		**Onsite**	**Onsite**	**Onsite DPM**
	Construction Activity	**Annual DPM**	**Annual DPM**	**Source Exhaust**
		Exhaust Emissions	**Exhaust Emissions**	**Emissions**
		(tons/year)	**(g/sec)**	**(g/m2-sec)**
	Demolistion	0.000E+00	0.000E+00	0.000E+00
	Site Preparation	8.000E-03	9.701E-04	1.392E-08
	Grading	7.490E-02	9.082E-03	1.303E-07
	Building Construction	9.300E-02	1.128E-02	1.618E-07
	Total	**1.759E-01**	**2.133E-02**	**3.060E-07**

Offsite Construction Vehicle PM10 Emissions

2022		**Offsite Hauling**	**Offsite Vendor**	**Offsite Workers**	
		Annual DPM	**Annual DPM**	**Annual DPM**	
	Construction Activity	**Exhaust Emissions**	**Exhaust Emissions**	**Exhaust Emissions**	
		(tons/year)	**(tons/year)**	**(tons/year)**	
	Demolistion	0.000E+00	0.000E+00	1.000E-05	
	Site Preparation	0.000E+00	0.000E+00	9.900E-04	
	Grading	0.000E+00	0.000E+00	1.000E-05	
	Building Construction	0.000E+00	4.100E-04	7.100E-04	
	Total (tons/year)	**0.000E+00**	**4.100E-04**	**1.720E-03**	**2.130E-03**
	Trip Distance assumed in CalEEMod (mi)	20.0	7.3	10.8	
	Offsite Project Trip Distance Along Roadway Segment Project>Serfa Club (mi)	0.21	0.21	0.21	
	Offsite Project Trip Distance Along Roadway Segment Project>PA 5 (mi)	0.69	0.69	0.69	
	Offsite Project Emissions Along Roadway Segment Project>PA 4 (tons/year)	**0.000E+00**	**1.200E-05**	**3.403E-05**	
	Offsite Project Emissions Along Roadway Segment Project>PA 5(tons/year)	**0.000E+00**	**3.876E-05**	**1.099E-04**	

Offsite Emissions Along Roadway Segment Analyzed	
Total Offsite Project Exhaust Emissions (tons/year)	**4.604E-05**
Total Offsite Project Exhaust Emissions (grams/sec)	**5.582E-06**
Total Offsite Project Exhaust Emissions (tons/year)	**1.487E-04**
Total Offsite Project Exhaust Emissions (grams/sec)	**1.803E-05**

Onsite Exhaust Emissions (tons/year)	**1.759E-01**
Total Onsite Emissions (tons/year)	**1.759E-01**
Onsite Exhaust Emissions (g/m2-sec)	**3.060E-07**

Total PM@10 Exhaust (tons/year)	1.759E-01

	Site size	**Emission Rate**
Onsite area source 1	34708	
Onsite area source 2	34994.6	
Total	69702.6	

Trails of Corona **No Mitigation**

Construction Annual DPM Emissions (as PM10 Exhaust)

Construction Scheduling	**2023**
	8 hours/day
	5 days/week
	52 weeks/year
	2080 hours/year

Onsite Construction Area Source Size (m2): 69702.60

Onsite Construction PM10 Emissions

2023		**Onsite**	**Onsite**	**Onsite DPM**
	Construction Activity	**Annual DPM Exhaust Emissions (tons/year)**	**Annual DPM Exhaust Emissions (g/sec)**	**Source Exhaust Emissions (g/m2-sec)**
	Paving	5.100E-03	6.184E-04	8.872E-09
	Architectural Coating	7.100E-04	8.610E-05	1.235E-09
	Total	**5.810E-03**	**7.045E-04**	**1.011E-08**

Offsite Construction Vehicle PM10 Emissions

2023		**Offsite Hauling**	**Offsite Vendor**	**Offsite Workers**	
	Construction Activity	**Annual DPM Exhaust Emissions (tons/year)**	**Annual DPM Exhaust Emissions (tons/year)**	**Annual DPM Exhaust Emissions (tons/year)**	
	Paving	0.000E+00	0.000E+00	1.000E-05	
	Architectural Coating	0.000E+00	0.000E+00	1.000E-05	
	Total (tons/year)	**0.000E+00**	**0.000E+00**	**2.000E-05**	**2.000E-05**
	Trip Distance assumed in CalEEMod (mi)	20.0	7.3	10.8	
	Offsite Project Trip Distance Project> PA 4 (mi)	0.21	0.21	0.21	
	Offsite Project Trip Distance Along Roadway Segment Project>PA 5 (mi)	0.69	0.69	0.69	
	Offsite Project Emissions Project>PA 4 (tons/year)	**0.000E+00**	**0.000E+00**	**3.957E-07**	
	Offsite Project Emissions Along Roadway Segment Project>PA 5(tons/year)	**0.000E+00**	**0.000E+00**	**1.278E-06**	

Emissions Along Roadway Segment	
Offsite Project Exhaust Emissions (tons/year)	**3.957E-07**
Offsite Project Exhaust Emissions (grams/sec)	**4.799E-08**
Total Offsite Project Exhaust Emissions (tons/year)	**1.278E-06**
Total Offsite Project Exhaust Emissions (grams/sec)	**1.550E-07**

Onsite Exhaust Emissions (tons/year)	**5.810E-03**
Total Onsite Emissions (tons/year)	**5.810E-03**
Onsite Exhaust Emissions (g/m2-sec)	**1.011E-08**

Total PM@10 Exhaust (tons/year)	5.810E-03
Total PM10 (tons/year)	**5.810E-03**

Trails of Corona

2022 | No Mitigation | At Sensitive Receptors | No Mitigation | At Sensitive Receptors

Construction Annual DPM Emissions (as PM10 Exhaust)

X (m)	Y (m)	Onsite Annual DPM Exhaust w/Unit Emissions (ug/m3)	Onsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Unit Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Unit Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Total DPM (ug/m3)
443543.62	3748016.2	17510.18662	0.00536	0.07477	4.17387E-07	0.10001	1.80306E-06	0.00536
443581.38	3748016.2	18891.22998	0.00578	0.07287	4.06781E-07	0.10901	1.96532E-06	0.00578
443619.14	3748016.2	21124.16381	0.00646	0.07096	3.96119E-07	0.12022	2.16743E-06	0.00647
443656.9	3748016.2	24666.23177	0.00755	0.06920	3.86294E-07	0.13414	2.41839E-06	0.00755
443694.66	3748016.2	30612.28351	0.00937	0.06805	3.79874E-07	0.15153	2.73191E-06	0.00937
443732.42	3748016.2	39493.10646	0.01209	0.06551	3.65695E-07	0.17028	3.06995E-06	0.01209
443543.62	3748046.66	18335.96318	0.00561	0.07866	4.39102E-07	0.10441	1.88239E-06	0.00561
443581.38	3748046.66	19568.23325	0.00599	0.07661	4.27659E-07	0.11451	2.06448E-06	0.00599
443619.14	3748046.66	21602.32082	0.00661	0.07449	4.15824E-07	0.12690	2.28786E-06	0.00661
443656.9	3748046.66	25001.67069	0.00765	0.07289	4.06893E-07	0.14306	2.57920E-06	0.00765
443694.66	3748046.66	30828.28832	0.00943	0.07199	4.01868E-07	0.16326	2.94339E-06	0.00944
443732.42	3748046.66	39251.31909	0.01201	0.06933	3.87020E-07	0.18722	3.37536E-06	0.01202
443543.62	3748077.12	19359.92181	0.00592	0.08341	4.65618E-07	0.10914	1.96767E-06	0.00593
443581.38	3748077.12	20323.57533	0.00622	0.08112	4.52835E-07	0.12058	2.17392E-06	0.00622
443619.14	3748077.12	22099.23475	0.00676	0.07893	4.40609E-07	0.13474	2.42920E-06	0.00677
443656.9	3748077.12	24855.32729	0.00761	0.07628	4.25816E-07	0.15221	2.74417E-06	0.00761
443694.66	3748077.12	30020.99205	0.00919	0.07513	4.19397E-07	0.17570	3.16766E-06	0.00919
443732.42	3748077.12	37414.90992	0.01145	0.07229	4.03543E-07	0.20447	3.68635E-06	0.01145
443543.62	3748107.58	20500.38901	0.00627	0.08886	4.96042E-07	0.11405	2.05619E-06	0.00628
443581.38	3748107.58	21102.00207	0.00646	0.08600	4.80076E-07	0.12681	2.28623E-06	0.00646
443619.14	3748107.58	22171.73031	0.00678	0.08232	4.59533E-07	0.14211	2.56208E-06	0.00679
443656.9	3748107.58	24405.48711	0.00747	0.07943	4.43401E-07	0.16177	2.91652E-06	0.00747
443694.66	3748107.58	28845.0434	0.00883	0.07834	4.37316E-07	0.18928	3.41250E-06	0.00883
443732.42	3748107.58	35087.54319	0.01074	0.07534	4.20569E-07	0.22388	4.03629E-06	0.01074
443543.62	3748138.04	21852.56819	0.00669	0.09424	5.26074E-07	0.11882	2.14218E-06	0.00669
443581.38	3748138.04	21795.87047	0.00667	0.09014	5.03187E-07	0.13263	2.39116E-06	0.00667
443619.14	3748138.04	22347.22483	0.00684	0.08599	4.80020E-07	0.14963	2.69765E-06	0.00684
443656.9	3748138.04	24100.35889	0.00737	0.08313	4.64055E-07	0.17202	3.10132E-06	0.00738
443694.66	3748138.04	27621.953	0.00845	0.08181	4.56686E-07	0.20359	3.67049E-06	0.00846
443732.42	3748138.04	32674.67363	0.01000	0.07872	4.39437E-07	0.24536	4.42355E-06	0.01000
443543.62	3748168.5	23583.62479	0.00722	0.09937	5.54711E-07	0.12302	2.21791E-06	0.00722
443581.38	3748168.5	22895.45648	0.00701	0.09492	5.29870E-07	0.13803	2.48852E-06	0.00701
443619.14	3748168.5	22899.61259	0.00701	0.09031	5.04136E-07	0.15679	2.82674E-06	0.00701
443656.9	3748168.5	24162.18417	0.00739	0.08751	4.88505E-07	0.18189	3.27926E-06	0.00740
443694.66	3748168.5	26675.89312	0.00816	0.08580	4.78960E-07	0.21758	3.92271E-06	0.00817
443732.42	3748168.5	30320.76783	0.00928	0.08219	4.58808E-07	0.26625	4.80017E-06	0.00928
444172.99	3747085.77	3436.6302	0.00105	0.02206	1.23145E-07	0.03205	5.77824E-07	0.00105
444272.99	3747085.77	3436.65313	0.00105	0.02204	1.23033E-07	0.03413	6.15324E-07	0.00105
444372.99	3747085.77	3370.63825	0.00103	0.02195	1.22531E-07	0.03525	6.35516E-07	0.00103
444472.99	3747085.77	3237.14617	0.00099	0.02149	1.19963E-07	0.03510	6.32812E-07	0.00099
444572.99	3747085.77	3013.02036	0.00092	0.02067	1.15386E-07	0.03464	6.24518E-07	0.00092
444672.99	3747085.77	2791.95569	0.00085	0.01976	1.10306E-07	0.03479	6.27223E-07	0.00086
444772.99	3747085.77	2580.05484	0.00079	0.01874	1.04612E-07	0.03456	6.23076E-07	0.00079
444872.99	3747085.77	2391.07814	0.00073	0.01774	9.90297E-08	0.03378	6.09014E-07	0.00073
444972.99	3747085.77	2221.4289	0.00068	0.01678	9.36707E-08	0.03225	5.81430E-07	0.00068
445072.99	3747085.77	2077.95451	0.00064	0.01597	8.91490E-08	0.03046	5.49158E-07	0.00064
445172.99	3747085.77	1954.47326	0.00060	0.01534	8.56322E-08	0.02890	5.21033E-07	0.00060
445272.99	3747085.77	1855.13689	0.00057	0.01490	8.31760E-08	0.02783	5.01742E-07	0.00057
445372.99	3747085.77	1768.23288	0.00054	0.01453	8.11106E-08	0.02669	4.81189E-07	0.00054
445472.99	3747085.77	1692.811	0.00052	0.01420	7.92684E-08	0.02530	4.56129E-07	0.00052
445572.99	3747085.77	1635.64253	0.00050	0.01389	7.75379E-08	0.02395	4.31790E-07	0.00050
444172.99	3747185.77	3947.76636	0.00121	0.02369	1.32244E-07	0.03636	6.55528E-07	0.00121
444272.99	3747185.77	3914.09167	0.00120	0.02372	1.32412E-07	0.03878	6.99158E-07	0.00120
444372.99	3747185.77	3814.76253	0.00117	0.02340	1.30625E-07	0.03992	7.19711E-07	0.00117
444472.99	3747185.77	3567.59137	0.00109	0.02256	1.25936E-07	0.03930	7.08533E-07	0.00109
444572.99	3747185.77	3262.28775	0.00100	0.02149	1.19963E-07	0.03875	6.98617E-07	0.00100
444672.99	3747185.77	2986.39483	0.00091	0.02033	1.13488E-07	0.03857	6.95372E-07	0.00091
444772.99	3747185.77	2735.09064	0.00084	0.01912	1.06733E-07	0.03782	6.81850E-07	0.00084
444872.99	3747185.77	2524.02278	0.00077	0.01802	1.00593E-07	0.03651	6.58232E-07	0.00077
444972.99	3747185.77	2342.12849	0.00072	0.01710	9.54570E-08	0.03456	6.23076E-07	0.00072
445072.99	3747185.77	2185.44087	0.00067	0.01637	9.13820E-08	0.03242	5.84494E-07	0.00067
445172.99	3747185.77	2059.88205	0.00063	0.01584	8.84233E-08	0.03074	5.54206E-07	0.00063
445272.99	3747185.77	1969.11913	0.00060	0.01547	8.63579E-08	0.02958	5.33293E-07	0.00060

445372.99	3747185.77	1889.47805	0.00058	0.01511	8.43483E-08	0.02812	5.06970E-07	0.00058
445472.99	3747185.77	1825.71117	0.00056	0.01474	8.22828E-08	0.02655	4.78665E-07	0.00056
445572.99	3747185.77	1773.52518	0.00054	0.01435	8.01057E-08	0.02498	4.50360E-07	0.00054
444172.99	3747285.77	4603.62408	0.00141	0.02562	1.43018E-07	0.04174	7.52523E-07	0.00141
444272.99	3747285.77	4491.6485	0.00137	0.02541	1.41846E-07	0.04407	7.94530E-07	0.00138
444372.99	3747285.77	4298.62353	0.00132	0.02472	1.37994E-07	0.04503	8.11838E-07	0.00132
444472.99	3747285.77	3947.53019	0.00121	0.02360	1.31742E-07	0.04454	8.03004E-07	0.00121
444572.99	3747285.77	3563.57504	0.00109	0.02225	1.24206E-07	0.04380	7.89662E-07	0.00109
444672.99	3747285.77	3221.96334	0.00099	0.02082	1.16223E-07	0.04293	7.73977E-07	0.00099
444772.99	3747285.77	2930.79629	0.00090	0.01948	1.08743E-07	0.04157	7.49458E-07	0.00090
444872.99	3747285.77	2690.81361	0.00082	0.01839	1.02658E-07	0.03958	7.13581E-07	0.00082
444972.99	3747285.77	2487.00668	0.00076	0.01754	9.79132E-08	0.03688	6.64903E-07	0.00076
445072.99	3747285.77	2337.90355	0.00072	0.01694	9.45639E-08	0.03465	6.24699E-07	0.00072
445172.99	3747285.77	2226.59385	0.00068	0.01649	9.20518E-08	0.03294	5.93869E-07	0.00068
445272.99	3747285.77	2140.53256	0.00066	0.01610	8.98747E-08	0.03138	5.65744E-07	0.00066
445372.99	3747285.77	2070.21299	0.00063	0.01570	8.76418E-08	0.02969	5.35276E-07	0.00063
445472.99	3747285.77	2010.44916	0.00062	0.01526	8.51856E-08	0.02795	5.03906E-07	0.00062
445572.99	3747285.77	1952.9204	0.00060	0.01475	8.23387E-08	0.02622	4.72716E-07	0.00060
444172.99	3747385.77	5482.06197	0.00168	0.02775	1.54908E-07	0.04855	8.75299E-07	0.00168
444272.99	3747385.77	5267.55399	0.00161	0.02716	1.51615E-07	0.05087	9.17126E-07	0.00161
444372.99	3747385.77	4922.83674	0.00151	0.02607	1.45530E-07	0.05190	9.35696E-07	0.00151
444472.99	3747385.77	4434.48717	0.00136	0.02463	1.37492E-07	0.05134	9.25600E-07	0.00136
444572.99	3747385.77	4011.74835	0.00123	0.02312	1.29062E-07	0.05076	9.15143E-07	0.00123
444672.99	3747385.77	3514.60003	0.00108	0.02124	1.18568E-07	0.04781	8.61958E-07	0.00108
444772.99	3747385.77	3175.77102	0.00097	0.01990	1.11087E-07	0.04565	8.23016E-07	0.00097
444872.99	3747385.77	2910.12061	0.00089	0.01891	1.05561E-07	0.04274	7.70552E-07	0.00089
444972.99	3747385.77	2719.36781	0.00083	0.01820	1.01598E-07	0.03974	7.16465E-07	0.00083
445072.99	3747385.77	2575.46915	0.00079	0.01765	9.85273E-08	0.03717	6.70131E-07	0.00079
445172.99	3747385.77	2467.29647	0.00076	0.01719	9.59594E-08	0.03523	6.35155E-07	0.00076
445272.99	3747385.77	2375.76421	0.00073	0.01671	9.32799E-08	0.03332	6.00720E-07	0.00073
445372.99	3747385.77	2299.73204	0.00070	0.01622	9.05446E-08	0.03142	5.66466E-07	0.00070
445472.99	3747385.77	2222.22136	0.00068	0.01566	8.74185E-08	0.02944	5.30769E-07	0.00068
445572.99	3747385.77	2142.3102	0.00066	0.01511	8.43483E-08	0.02757	4.97055E-07	0.00066
444172.99	3747485.77	6751.7963	0.00207	0.03004	1.67692E-07	0.05757	1.03792E-06	0.00207
444272.99	3747485.77	6260.30271	0.00192	0.02878	1.60658E-07	0.05921	1.06749E-06	0.00192
444372.99	3747485.77	5725.14625	0.00175	0.02733	1.52564E-07	0.06075	1.09525E-06	0.00175
444472.99	3747485.77	5045.66563	0.00154	0.02543	1.41957E-07	0.05918	1.06695E-06	0.00155
444572.99	3747485.77	4398.08994	0.00135	0.02335	1.30346E-07	0.05581	1.00619E-06	0.00135
444672.99	3747485.77	3883.9527	0.00119	0.02165	1.20856E-07	0.05282	9.52282E-07	0.00119
444772.99	3747485.77	3531.03349	0.00108	0.02051	1.14493E-07	0.05016	9.04326E-07	0.00108
444872.99	3747485.77	3265.79533	0.00100	0.01967	1.09803E-07	0.04645	8.37439E-07	0.00100
444972.99	3747485.77	3075.44725	0.00094	0.01904	1.06287E-07	0.04302	7.75600E-07	0.00094
445072.99	3747485.77	2913.99051	0.00089	0.01845	1.02993E-07	0.04022	7.25119E-07	0.00089
445172.99	3747485.77	2776.6163	0.00085	0.01786	9.96995E-08	0.03787	6.82752E-07	0.00085
445272.99	3747485.77	2655.95593	0.00081	0.01725	9.62944E-08	0.03556	6.41105E-07	0.00081
445372.99	3747485.77	2545.43831	0.00078	0.01665	9.29450E-08	0.03330	6.00360E-07	0.00078
445472.99	3747485.77	2439.3938	0.00075	0.01611	8.99306E-08	0.03123	5.63040E-07	0.00075
445572.99	3747485.77	2333.08698	0.00071	0.01568	8.75302E-08	0.02938	5.29687E-07	0.00071
444172.99	3747585.77	8667.93865	0.00265	0.03234	1.80531E-07	0.06971	1.25679E-06	0.00265
444272.99	3747585.77	7689.73113	0.00235	0.03030	1.69143E-07	0.07058	1.27247E-06	0.00235
444372.99	3747585.77	6825.54729	0.00209	0.02834	1.58202E-07	0.07153	1.28960E-06	0.00209
444472.99	3747585.77	5896.46021	0.00180	0.02601	1.45195E-07	0.06786	1.22344E-06	0.00181
444572.99	3747585.77	5046.69891	0.00154	0.02381	1.32914E-07	0.06248	1.12644E-06	0.00155
444672.99	3747585.77	4498.30753	0.00138	0.02241	1.25099E-07	0.05948	1.07235E-06	0.00138
444772.99	3747585.77	4111.69191	0.00126	0.02144	1.19684E-07	0.05577	1.00547E-06	0.00126
444872.99	3747585.77	3799.45487	0.00116	0.02064	1.15218E-07	0.05101	9.19650E-07	0.00116
444972.99	3747585.77	3540.21946	0.00108	0.01991	1.11143E-07	0.04696	8.46633E-07	0.00108
445072.99	3747585.77	3327.8164	0.00102	0.01921	1.07236E-07	0.04403	7.93809E-07	0.00102
445172.99	3747585.77	3128.86486	0.00096	0.01847	1.03105E-07	0.04108	7.40624E-07	0.00096
445272.99	3747585.77	2958.99667	0.00091	0.01781	9.94204E-08	0.03835	6.91405E-07	0.00091
445372.99	3747585.77	2799.84211	0.00086	0.01728	9.64618E-08	0.03579	6.45252E-07	0.00086
445472.99	3747585.77	2642.14537	0.00081	0.01686	9.41173E-08	0.03342	6.02523E-07	0.00081
445572.99	3747585.77	2500.18645	0.00077	0.01665	9.29450E-08	0.03153	5.68449E-07	0.00077
444172.99	3747685.77	12025.04643	0.00368	0.03471	1.93761E-07	0.08770	1.58113E-06	0.00368
444272.99	3747685.77	10221.98808	0.00313	0.03194	1.78298E-07	0.08769	1.58095E-06	0.00313
444372.99	3747685.77	8667.5402	0.00265	0.02926	1.63338E-07	0.08528	1.53750E-06	0.00265
444472.99	3747685.77	7229.13931	0.00221	0.02664	1.48712E-07	0.07813	1.40859E-06	0.00221
444572.99	3747685.77	6132.0072	0.00188	0.02469	1.37827E-07	0.07179	1.29429E-06	0.00188
444672.99	3747685.77	5419.73786	0.00166	0.02346	1.30960E-07	0.06736	1.21442E-06	0.00166
444772.99	3747685.77	4884.32346	0.00149	0.02249	1.25546E-07	0.06193	1.11652E-06	0.00150
444872.99	3747685.77	4456.63954	0.00136	0.02163	1.20745E-07	0.05660	1.02043E-06	0.00136
444972.99	3747685.77	4087.964	0.00125	0.02075	1.15832E-07	0.05221	9.41285E-07	0.00125
445072.99	3747685.77	3783.41483	0.00116	0.01995	1.11367E-07	0.04870	8.78004E-07	0.00116
445172.99	3747685.77	3512.21105	0.00107	0.01926	1.07515E-07	0.04521	8.15083E-07	0.00108

445272.99	3747685.77	3261.04456	0.00100	0.01872	1.04500E-07	0.04175	7.52703E-07	0.00100
445372.99	3747685.77	3030.27979	0.00093	0.01834	1.02379E-07	0.03862	6.96273E-07	0.00093
445472.99	3747685.77	2821.15994	0.00086	0.01813	1.01207E-07	0.03597	6.48497E-07	0.00086
445572.99	3747685.77	2634.42983	0.00081	0.01804	1.00704E-07	0.03383	6.09915E-07	0.00081
444172.99	3747785.77	18544.94803	0.00567	0.03674	2.05093E-07	0.11347	2.04573E-06	0.00568
444272.99	3747785.77	14858.64823	0.00455	0.03334	1.86113E-07	0.11032	1.98894E-06	0.00455
444372.99	3747785.77	12082.25381	0.00370	0.03061	1.70874E-07	0.10471	1.88780E-06	0.00370
444472.99	3747785.77	9448.67105	0.00289	0.02781	1.55243E-07	0.09310	1.67848E-06	0.00289
444572.99	3747785.77	7787.08914	0.00238	0.02604	1.45363E-07	0.08471	1.52722E-06	0.00238
444672.99	3747785.77	6670.75279	0.00204	0.02474	1.38106E-07	0.07771	1.40102E-06	0.00204
444772.99	3747785.77	5888.73293	0.00180	0.02370	1.32300E-07	0.07091	1.27842E-06	0.00180
444872.99	3747785.77	5240.66567	0.00160	0.02266	1.26495E-07	0.06433	1.15979E-06	0.00160
444972.99	3747785.77	4705.49869	0.00144	0.02173	1.21303E-07	0.05903	1.06424E-06	0.00144
445072.99	3747785.77	4253.36808	0.00130	0.02098	1.17116E-07	0.05418	9.76802E-07	0.00130
445172.99	3747785.77	3881.87272	0.00119	0.02054	1.14660E-07	0.04977	8.97294E-07	0.00119
445272.99	3747785.77	3544.08337	0.00108	0.02023	1.12930E-07	0.04552	8.20672E-07	0.00109
445372.99	3747785.77	3244.4436	0.00099	0.02002	1.11757E-07	0.04183	7.54146E-07	0.00099
445472.99	3747785.77	2992.29374	0.00092	0.01993	1.11255E-07	0.03894	7.02042E-07	0.00092
445572.99	3747785.77	2774.15687	0.00085	0.01984	1.10752E-07	0.03659	6.59675E-07	0.00085
444172.99	3747885.77	33240.16476	0.01017	0.03863	2.15644E-07	0.15375	2.77193E-06	0.01017
444272.99	3747885.77	23680.18819	0.00725	0.03495	1.95101E-07	0.14290	2.57632E-06	0.00725
444372.99	3747885.77	17233.74478	0.00527	0.03207	1.79024E-07	0.13020	2.34735E-06	0.00528
444472.99	3747885.77	12777.39524	0.00391	0.02955	1.64956E-07	0.11517	2.07638E-06	0.00391
444572.99	3747885.77	9943.186	0.00304	0.02751	1.53569E-07	0.10175	1.83443E-06	0.00304
444672.99	3747885.77	8286.85222	0.00254	0.02616	1.46032E-07	0.09223	1.66280E-06	0.00254
444772.99	3747885.77	7091.39479	0.00217	0.02502	1.39669E-07	0.08286	1.49387E-06	0.00217
444872.99	3747885.77	6124.32832	0.00187	0.02402	1.34086E-07	0.07445	1.34225E-06	0.00188
444972.99	3747885.77	5348.71797	0.00164	0.02326	1.29844E-07	0.06724	1.21226E-06	0.00164
445072.99	3747885.77	4719.54528	0.00144	0.02275	1.26997E-07	0.06048	1.09038E-06	0.00145
445172.99	3747885.77	4231.30107	0.00129	0.02253	1.25769E-07	0.05476	9.87258E-07	0.00130
445272.99	3747885.77	3819.29934	0.00117	0.02239	1.24987E-07	0.04981	8.98016E-07	0.00117
445372.99	3747885.77	3470.88282	0.00106	0.02222	1.24038E-07	0.04579	8.25540E-07	0.00106
445472.99	3747885.77	3169.76049	0.00097	0.02194	1.22475E-07	0.04247	7.65684E-07	0.00097
445572.99	3747885.77	2922.35429	0.00089	0.02160	1.20577E-07	0.03976	7.16826E-07	0.00090
444172.99	3747985.77	69403.55977	0.02124	0.04201	2.34512E-07	0.22627	4.07938E-06	0.02124
444272.99	3747985.77	38053.717	0.01164	0.03701	2.06600E-07	0.19407	3.49885E-06	0.01165
444372.99	3747985.77	23680.63396	0.00725	0.03347	1.86839E-07	0.16746	3.01911E-06	0.00725
444472.99	3747985.77	16721.43325	0.00512	0.03110	1.73609E-07	0.14444	2.60408E-06	0.00512
444572.99	3747985.77	12746.85185	0.00390	0.02935	1.63840E-07	0.12743	2.29741E-06	0.00390
444672.99	3747985.77	10154.05956	0.00311	0.02799	1.56248E-07	0.11219	2.02265E-06	0.00311
444772.99	3747985.77	8317.84214	0.00255	0.02696	1.50498E-07	0.09827	1.77169E-06	0.00255
444872.99	3747985.77	6978.88342	0.00214	0.02625	1.46535E-07	0.08700	1.56851E-06	0.00214
444972.99	3747985.77	5951.36362	0.00182	0.02574	1.43688E-07	0.07683	1.38515E-06	0.00182
445072.99	3747985.77	5174.38427	0.00158	0.02542	1.41902E-07	0.06804	1.22668E-06	0.00158
445172.99	3747985.77	4556.30981	0.00139	0.02509	1.40059E-07	0.06065	1.09345E-06	0.00140
445272.99	3747985.77	4079.85759	0.00125	0.02478	1.38329E-07	0.05507	9.92847E-07	0.00125
445372.99	3747985.77	3680.08509	0.00113	0.02430	1.35649E-07	0.05050	9.10456E-07	0.00113
445472.99	3747985.77	3343.97968	0.00102	0.02365	1.32021E-07	0.04666	8.41225E-07	0.00102
445572.99	3747985.77	3067.77965	0.00094	0.02294	1.28058E-07	0.04340	7.82451E-07	0.00094
444172.99	3748085.77	125768.571	0.03849	0.04402	2.45732E-07	0.37461	6.75378E-06	0.03849
444272.99	3748085.77	55182.21535	0.01689	0.03887	2.16983E-07	0.28945	5.21844E-06	0.01689
444372.99	3748085.77	32064.97164	0.00981	0.03573	1.99455E-07	0.23362	4.21189E-06	0.00982
444472.99	3748085.77	21397.17272	0.00655	0.03360	1.87565E-07	0.19398	3.49723E-06	0.00655
444572.99	3748085.77	15403.51962	0.00471	0.03201	1.78689E-07	0.16420	2.96033E-06	0.00472
444672.99	3748085.77	11739.6963	0.00359	0.03087	1.72325E-07	0.13905	2.50691E-06	0.00360
444772.99	3748085.77	9352.9505	0.00286	0.03012	1.68138E-07	0.11895	2.14453E-06	0.00286
444872.99	3748085.77	7689.84993	0.00235	0.02957	1.65068E-07	0.10270	1.85156E-06	0.00236
444972.99	3748085.77	6457.94902	0.00198	0.02899	1.61830E-07	0.08853	1.59609E-06	0.00198
445072.99	3748085.77	5542.73703	0.00170	0.02836	1.58314E-07	0.07712	1.39038E-06	0.00170
445172.99	3748085.77	4844.32597	0.00148	0.02764	1.54294E-07	0.06841	1.23335E-06	0.00148
445272.99	3748085.77	4296.55846	0.00131	0.02681	1.49661E-07	0.06171	1.11256E-06	0.00132
445372.99	3748085.77	3858.91041	0.00118	0.02588	1.44469E-07	0.05629	1.01484E-06	0.00118
445472.99	3748085.77	3494.07812	0.00107	0.02486	1.38776E-07	0.05165	9.31189E-07	0.00107
445572.99	3748085.77	3190.52605	0.00098	0.02383	1.33026E-07	0.04772	8.60335E-07	0.00098
444172.99	3748185.77	271548.0862	0.08310	0.04679	2.61195E-07	0.74112	1.33615E-05	0.08311
444272.99	3748185.77	76423.29123	0.02339	0.04240	2.36689E-07	0.48587	8.75966E-06	0.02340
444372.99	3748185.77	38644.88079	0.01183	0.03952	2.20612E-07	0.35230	6.35155E-06	0.01183
444472.99	3748185.77	24250.58829	0.00742	0.03761	2.09950E-07	0.27211	4.90582E-06	0.00743
444572.99	3748185.77	16987.93795	0.00520	0.03625	2.02358E-07	0.21831	3.93587E-06	0.00520
444672.99	3748185.77	12706.68232	0.00389	0.03515	1.96217E-07	0.17677	3.18695E-06	0.00389
444772.99	3748185.77	9957.5313	0.00305	0.03416	1.90691E-07	0.14555	2.62410E-06	0.00305
444872.99	3748185.77	8149.92276	0.00249	0.03334	1.86113E-07	0.12245	2.20763E-06	0.00250
444972.99	3748185.77	6793.81716	0.00208	0.03219	1.79694E-07	0.10321	1.86075E-06	0.00208
445072.99	3748185.77	5797.94747	0.00177	0.03094	1.72716E-07	0.08894	1.60348E-06	0.00178

445172.99	3748185.77	5040.12308	0.00154	0.02963	1.65403E-07	0.07827	1.41112E-06	0.00154
445272.99	3748185.77	4451.37474	0.00136	0.02830	1.57979E-07	0.06993	1.26076E-06	0.00136
445372.99	3748185.77	3979.39479	0.00122	0.02698	1.50610E-07	0.06309	1.13744E-06	0.00122
445472.99	3748185.77	3594.24064	0.00110	0.02572	1.43576E-07	0.05744	1.03558E-06	0.00110
445572.99	3748185.77	3275.05194	0.00100	0.02454	1.36989E-07	0.05279	9.51742E-07	0.00100
444172.99	3748285.77	112757.4259	0.03450	0.05242	2.92623E-07	1.66080	2.99423E-05	0.03454
444272.99	3748285.77	58495.70806	0.01790	0.04861	2.71355E-07	0.87178	1.57172E-05	0.01792
444372.99	3748285.77	34514.28693	0.01056	0.04597	2.56617E-07	0.56244	1.01401E-05	0.01057
444472.99	3748285.77	22932.38877	0.00702	0.04379	2.44448E-07	0.39748	7.16610E-06	0.00702
444572.99	3748285.77	16575.04908	0.00507	0.04200	2.34456E-07	0.29752	5.36394E-06	0.00508
444672.99	3748285.77	12630.15873	0.00386	0.04026	2.24743E-07	0.22886	4.12608E-06	0.00387
444772.99	3748285.77	10051.91726	0.00308	0.03860	2.15476E-07	0.18170	3.27584E-06	0.00308
444872.99	3748285.77	8208.93282	0.00251	0.03672	2.04981E-07	0.14653	2.64176E-06	0.00251
444972.99	3748285.77	6870.58354	0.00210	0.03479	1.94208E-07	0.12134	2.18762E-06	0.00210
445072.99	3748285.77	5881.58594	0.00180	0.03294	1.83880E-07	0.10341	1.86436E-06	0.00180
445172.99	3748285.77	5111.9434	0.00156	0.03112	1.73721E-07	0.08979	1.61881E-06	0.00157
445272.99	3748285.77	4517.07364	0.00138	0.02948	1.64566E-07	0.07928	1.42933E-06	0.00138
445372.99	3748285.77	4036.17234	0.00124	0.02795	1.56025E-07	0.07092	1.27860E-06	0.00124
445472.99	3748285.77	3651.72527	0.00112	0.02656	1.48265E-07	0.06411	1.15583E-06	0.00112
445572.99	3748285.77	3324.81218	0.00102	0.02530	1.41232E-07	0.05841	1.05306E-06	0.00102
444172.99	3748385.77	27903.01	0.00854	0.06248	3.48781E-07	5.01883	9.04836E-05	0.00863
444272.99	3748385.77	25607.23942	0.00784	0.05785	3.22935E-07	1.66727	3.00589E-05	0.00787
444372.99	3748385.77	21654.46572	0.00663	0.05419	3.02504E-07	0.90619	1.63375E-05	0.00664
444472.99	3748385.77	17471.82371	0.00535	0.05107	2.85087E-07	0.58296	1.05101E-05	0.00536
444572.99	3748385.77	13958.69794	0.00427	0.04800	2.67950E-07	0.40285	7.26291E-06	0.00428
444672.99	3748385.77	11336.04057	0.00347	0.04514	2.51984E-07	0.29432	5.30624E-06	0.00347
444772.99	3748385.77	9365.27397	0.00287	0.04235	2.36410E-07	0.22377	4.03431E-06	0.00287
444872.99	3748385.77	7849.57679	0.00240	0.03959	2.21003E-07	0.17593	3.17181E-06	0.00241
444972.99	3748385.77	6658.06987	0.00204	0.03688	2.05875E-07	0.14278	2.57416E-06	0.00204
445072.99	3748385.77	5770.0966	0.00177	0.03459	1.93091E-07	0.12003	2.16400E-06	0.00177
445172.99	3748385.77	5049.20906	0.00155	0.03245	1.81145E-07	0.10279	1.85318E-06	0.00155
445272.99	3748385.77	4489.14264	0.00137	0.03060	1.70818E-07	0.08982	1.61935E-06	0.00138
445372.99	3748385.77	4028.40022	0.00123	0.02896	1.61663E-07	0.07950	1.43329E-06	0.00123
445472.99	3748385.77	3652.96057	0.00112	0.02752	1.53624E-07	0.07099	1.27987E-06	0.00112
445572.99	3748385.77	3325.52357	0.00102	0.02613	1.45865E-07	0.06378	1.14988E-06	0.00102
444172.99	3748485.77	14389.42677	0.00440	0.07524	4.20011E-07	10.99067	1.98149E-04	0.00460
444272.99	3748485.77	13668.18808	0.00418	0.06870	3.83503E-07	4.14076	7.46530E-05	0.00426
444372.99	3748485.77	13181.27867	0.00403	0.06349	3.54419E-07	1.56610	2.82349E-05	0.00406
444472.99	3748485.77	12111.911	0.00371	0.05844	3.26229E-07	0.86227	1.55457E-05	0.00372
444572.99	3748485.77	10748.59512	0.00329	0.05371	2.99824E-07	0.54597	9.84320E-06	0.00330
444672.99	3748485.77	9372.33745	0.00287	0.04936	2.75541E-07	0.37433	6.74873E-06	0.00288
444772.99	3748485.77	8132.53549	0.00249	0.04543	2.53603E-07	0.27290	4.92007E-06	0.00249
444872.99	3748485.77	7099.27686	0.00217	0.04206	2.34791E-07	0.21045	3.79417E-06	0.00218
444972.99	3748485.77	6205.60116	0.00190	0.03897	2.17542E-07	0.16837	3.03551E-06	0.00190
445072.99	3748485.77	5450.70428	0.00167	0.03620	2.02079E-07	0.13855	2.49789E-06	0.00167
445172.99	3748485.77	4854.94957	0.00149	0.03394	1.89463E-07	0.11727	2.11424E-06	0.00149
445272.99	3748485.77	4345.63388	0.00133	0.03188	1.77963E-07	0.10070	1.81550E-06	0.00133
445372.99	3748485.77	3933.68514	0.00120	0.03017	1.68417E-07	0.08770	1.58113E-06	0.00121
445472.99	3748485.77	3572.81199	0.00109	0.02856	1.59430E-07	0.07710	1.39002E-06	0.00109
445572.99	3748485.77	3266.51481	0.00100	0.02714	1.51503E-07	0.06841	1.23335E-06	0.00100
443047.86	3748855.7	14171.13749	0.00434	1.16706	6.51486E-06	0.04334	7.81369E-07	0.00434
443030.11	3748868.74	11992.64865	0.00367	0.99029	5.52808E-06	0.04221	7.60997E-07	0.00368
443016.91	3748884.58	10350.56362	0.00317	0.88024	4.91375E-06	0.04123	7.43328E-07	0.00317
442999.31	3748898.66	9034.65197	0.00276	0.76221	4.25487E-06	0.04016	7.24038E-07	0.00277
442983.47	3748918.02	7842.44673	0.00240	0.67038	3.74225E-06	0.03908	7.04566E-07	0.00240
442962.35	3748934.74	6904.37202	0.00211	0.57481	3.20875E-06	0.03792	6.83653E-07	0.00212
442947.39	3748948.82	6310.52306	0.00193	0.51727	2.88755E-06	0.03711	6.69050E-07	0.00193
442935.07	3748963.78	5818.11448	0.00178	0.47339	2.64260E-06	0.03639	6.56069E-07	0.00178
442916.59	3748985.78	5195.69148	0.00159	0.41469	2.31492E-06	0.03527	6.35877E-07	0.00159
442898.98	3749001.62	4788.94045	0.00147	0.36979	2.06427E-06	0.03437	6.19651E-07	0.00147
442881.38	3749017.46	4455.71398	0.00136	0.33228	1.85488E-06	0.03360	6.05768E-07	0.00137
442868.18	3749033.31	4184.73303	0.00128	0.30498	1.70248E-06	0.03294	5.93869E-07	0.00128
442854.1	3749046.51	3972.50507	0.00122	0.28105	1.56890E-06	0.03237	5.83593E-07	0.00122
442832.98	3749062.35	3725.21602	0.00114	0.25129	1.40277E-06	0.03157	5.69170E-07	0.00114
442816.26	3749081.71	3495.49838	0.00107	0.22807	1.27315E-06	0.03085	5.56189E-07	0.00107
442801.3	3749094.91	3342.89086	0.00102	0.21126	1.17931E-06	0.03030	5.46273E-07	0.00102
442780.18	3749111.63	3158.19132	0.00097	0.19090	1.06566E-06	0.02953	5.32391E-07	0.00097
442764.34	3749127.47	3016.92318	0.00092	0.17669	9.86333E-07	0.02897	5.22295E-07	0.00092
442750.26	3749130.11	2966.96196	0.00091	0.16864	9.41396E-07	0.02865	5.16526E-07	0.00091
442722.1	3749138.03	2857.14773	0.00087	0.15355	8.57159E-07	0.02800	5.04807E-07	0.00088
442705.38	3749146.83	2772.46864	0.00085	0.14457	8.07030E-07	0.02754	4.96514E-07	0.00085
442678.1	3749144.19	2716.71694	0.00083	0.13481	7.52547E-07	0.02701	4.86958E-07	0.00083
442659.62	3749147.71	2656.48695	0.00081	0.12784	7.13639E-07	0.02660	4.79567E-07	0.00081
442638.49	3749145.07	2615.79043	0.00080	0.12161	6.78861E-07	0.02622	4.72716E-07	0.00080

442662.26	3749101.07	2861.32324	0.00088	0.13666	7.62875E-07	0.02719	4.90204E-07	0.00088
442694.82	3749095.79	2989.7465	0.00091	0.15076	8.41585E-07	0.02794	5.03725E-07	0.00092
442709.78	3749094.03	3048.53311	0.00093	0.15790	8.81442E-07	0.02829	5.10035E-07	0.00093
442730.02	3749086.99	3157.36855	0.00097	0.16957	9.46587E-07	0.02884	5.19951E-07	0.00097
442752.02	3749068.51	3353.70533	0.00103	0.18672	1.04232E-06	0.02960	5.33653E-07	0.00103
442796.9	3749035.94	3802.69619	0.00116	0.22884	1.27745E-06	0.03120	5.62499E-07	0.00117
442817.14	3749007.78	4178.20618	0.00128	0.25664	1.43264E-06	0.03219	5.80348E-07	0.00128
442845.3	3748987.54	4597.92385	0.00141	0.29572	1.65079E-06	0.03328	5.99999E-07	0.00141
442865.54	3748973.46	4948.46134	0.00151	0.32894	1.83624E-06	0.03408	6.14422E-07	0.00152
442840.9	3748956.74	4934.34579	0.00151	0.29743	1.66034E-06	0.03366	6.06850E-07	0.00151
442888.42	3748944.42	5647.42634	0.00173	0.37644	2.10139E-06	0.03535	6.37319E-07	0.00173
442871.7	3748932.1	5638.07099	0.00173	0.34792	1.94219E-06	0.03505	6.31910E-07	0.00173
442872.58	3748910.98	5995.9995	0.00183	0.35178	1.96374E-06	0.03542	6.38581E-07	0.00184
442880.5	3748896.9	6374.41491	0.00195	0.36682	2.04769E-06	0.03591	6.47415E-07	0.00195
442906.02	3748895.14	6893.32328	0.00211	0.42037	2.34662E-06	0.03682	6.63821E-07	0.00211
442925.39	3748905.7	7042.61971	0.00216	0.46767	2.61067E-06	0.03736	6.73557E-07	0.00216
442928.03	3748871.38	8013.78653	0.00245	0.47456	2.64913E-06	0.03808	6.86538E-07	0.00246
442942.99	3748881.94	8113.51119	0.00248	0.52148	2.91105E-06	0.03844	6.93028E-07	0.00249
442959.71	3748871.38	8974.63135	0.00275	0.58004	3.23795E-06	0.03929	7.08352E-07	0.00275
442923.63	3748842.34	8708.83507	0.00266	0.45462	2.53782E-06	0.03843	6.92848E-07	0.00267
442937.71	3748821.22	9915.24179	0.00303	0.48229	2.69228E-06	0.03939	7.10155E-07	0.00304
442971.15	3748822.98	11528.31724	0.00353	0.60302	3.36623E-06	0.04072	7.34134E-07	0.00353
442986.11	3748841.46	11429.097	0.00350	0.68802	3.84072E-06	0.04095	7.38280E-07	0.00350
442985.23	3748812.42	12978.31405	0.00397	0.65520	3.65751E-06	0.04155	7.49098E-07	0.00398
443001.95	3748822.1	13633.86993	0.00417	0.75575	4.21881E-06	0.04211	7.59194E-07	0.00418
443063.55	3748836.18	17934.76257	0.00549	1.36712	7.63165E-06	0.04461	8.04266E-07	0.00550
443064.43	3748815.06	21406.31899	0.00655	1.34855	7.52799E-06	0.04516	8.14182E-07	0.00656
443051.23	3748791.3	22617.50375	0.00692	1.11035	6.19829E-06	0.04490	8.09494E-07	0.00693
443003.71	3748799.22	15371.88114	0.00470	0.73147	4.08327E-06	0.04268	7.69470E-07	0.00471
442974.67	3748795.7	13079.5194	0.00400	0.58480	3.26452E-06	0.04143	7.46934E-07	0.00401
443038.91	3748779.86	21798.73911	0.00667	0.94633	5.28268E-06	0.04457	8.03545E-07	0.00668
443027.47	3748759.62	21675.5003	0.00663	0.78575	4.38628E-06	0.04447	8.01742E-07	0.00664
443023.95	3748743.77	22130.89324	0.00677	0.71380	3.98463E-06	0.04457	8.03545E-07	0.00678
443008.99	3748724.41	20359.73925	0.00623	0.58681	3.27574E-06	0.04419	7.96694E-07	0.00623
443008.99	3748702.41	20920.95939	0.00640	0.53777	3.00198E-06	0.04448	8.01922E-07	0.00641
443097.87	3748795.7	34177.05048	0.01046	1.95322	1.09034E-05	0.04726	8.52042E-07	0.01047
443090.83	3748778.98	36527.86594	0.01118	1.64624	9.18978E-06	0.04718	8.50600E-07	0.01119
443071.47	3748764.02	31902.09639	0.00976	1.22132	6.81775E-06	0.04636	8.35816E-07	0.00977
443064.43	3748742.01	32058.23154	0.00981	1.01173	5.64776E-06	0.04632	8.35095E-07	0.00982
443051.23	3748723.53	29056.84445	0.00889	0.82158	4.58629E-06	0.04586	8.26802E-07	0.00890
443042.43	3748707.69	27478.99595	0.00841	0.70747	3.94930E-06	0.04572	8.24278E-07	0.00841
443042.43	3748691.85	27719.30172	0.00848	0.65272	3.64367E-06	0.04593	8.28064E-07	0.00849
443141.87	3748742.01	114355.7284	0.03499	2.29450	1.28085E-05	0.05108	9.20912E-07	0.03501
443121.63	3748726.17	75143.51352	0.02299	1.53496	8.56858E-06	0.05008	9.02883E-07	0.02300
443107.55	3748705.05	58050.29218	0.01776	1.11935	6.24853E-06	0.04950	8.92427E-07	0.01777
443088.19	3748676.01	43226.93026	0.01323	0.78875	4.40302E-06	0.04866	8.77282E-07	0.01323
443145.39	3748708.57	116226.1138	0.03557	1.53184	8.55116E-06	0.05203	9.38040E-07	0.03558
443176.19	3748679.53	181595.5596	0.05557	1.23576	6.89836E-06	0.05489	9.89602E-07	0.05558
443103.15	3748670.73	51264.61368	0.01569	0.82510	4.60594E-06	0.04970	8.96032E-07	0.01569
443230.76	3748790.42	179843.0216	0.05503	18.60532	1.03860E-04	0.05699	1.02746E-06	0.05514
443242.2	3748767.54	291404.1265	0.08917	6.59912	3.68381E-05	0.05870	1.05829E-06	0.08921
443255.4	3748742.89	345245.9334	0.10565	3.31496	1.85050E-05	0.06054	1.09146E-06	0.10567
443265.08	3748712.97	398094.0958	0.12182	1.91868	1.07106E-05	0.06226	1.12247E-06	0.12183
443278.28	3748687.45	390396.0472	0.11947	1.34529	7.50979E-06	0.06411	1.15583E-06	0.11947
443297.64	3748659.29	374814.4172	0.11470	0.95696	5.34202E-06	0.06698	1.20757E-06	0.11470
443306.44	3748793.94	83032.96806	0.02541	5.89623	3.29144E-05	0.06292	1.13437E-06	0.02544
443339.88	3748786.02	73035.16324	0.02235	3.56274	1.98882E-05	0.06663	1.20126E-06	0.02237
443371.56	3748768.42	70293.41382	0.02151	2.13893	1.19401E-05	0.07132	1.28582E-06	0.02152
443392.68	3748756.98	66173.12539	0.02025	1.62583	9.07584E-06	0.07456	1.34423E-06	0.02026
443418.2	3748739.37	62226.74025	0.01904	1.17862	6.57939E-06	0.07897	1.42374E-06	0.01905
443444.6	3748724.41	57031.91171	0.01745	0.91862	5.12800E-06	0.08352	1.50577E-06	0.01746
443471.89	3748711.21	50234.33131	0.01537	0.73086	4.07987E-06	0.08915	1.60727E-06	0.01538
443496.53	3748694.49	46372.8004	0.01419	0.59044	3.29600E-06	0.09487	1.71039E-06	0.01420
443525.57	3748681.29	42114.71367	0.01289	0.49316	2.75296E-06	0.10159	1.83155E-06	0.01289
443548.45	3748668.09	38792.6601	0.01187	0.42023	2.34584E-06	0.10820	1.95072E-06	0.01188
443583.65	3748651.37	34857.93969	0.01067	0.34539	1.92806E-06	0.11898	2.14507E-06	0.01067

Trails of Corona

2023 | No Mitigation | at Sensitive Receptors | No Mitigation | at Sensitive Receptors

Construction Annual DPM Emissions (as PM10 Exhaust)

X (m)	Y (m)	Onsite Annual DPM Exhaust w/Unit Emissions (ug/m3)	Onsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Unit Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Unit Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Total DPM (ug/m3)
443543.62	3748016.2	17510.18662	0.00018	0.07477	3.58800E-09	0.10001	1.54997E-08	0.00018
443581.38	3748016.2	18891.22998	0.00019	0.07287	3.49682E-09	0.10901	1.68945E-08	0.00019
443619.14	3748016.2	21124.16381	0.00021	0.07096	3.40517E-09	0.12022	1.86319E-08	0.00021
443656.9	3748016.2	24666.23177	0.00025	0.06920	3.32071E-09	0.13414	2.07892E-08	0.00025
443694.66	3748016.2	30612.28351	0.00031	0.06805	3.26552E-09	0.15153	2.34844E-08	0.00031
443732.42	3748016.2	39493.10646	0.00040	0.06551	3.14364E-09	0.17028	2.63903E-08	0.00040
443543.62	3748046.66	18335.96318	0.00019	0.07866	3.77467E-09	0.10441	1.61816E-08	0.00019
443581.38	3748046.66	19568.23325	0.00020	0.07661	3.67629E-09	0.11451	1.77469E-08	0.00020
443619.14	3748046.66	21602.32082	0.00022	0.07449	3.57456E-09	0.12690	1.96672E-08	0.00022
443656.9	3748046.66	25001.67069	0.00025	0.07289	3.49778E-09	0.14306	2.21717E-08	0.00025
443694.66	3748046.66	30828.28832	0.00031	0.07199	3.45459E-09	0.16326	2.53023E-08	0.00031
443732.42	3748046.66	39251.31909	0.00040	0.06933	3.32695E-09	0.18722	2.90157E-08	0.00040
443543.62	3748077.12	19359.92181	0.00020	0.08341	4.00261E-09	0.10914	1.69147E-08	0.00020
443581.38	3748077.12	20323.57533	0.00021	0.08112	3.89271E-09	0.12058	1.86877E-08	0.00021
443619.14	3748077.12	22099.23475	0.00022	0.07893	3.78762E-09	0.13474	2.08822E-08	0.00022
443656.9	3748077.12	24855.32729	0.00025	0.07628	3.66046E-09	0.15221	2.35898E-08	0.00025
443694.66	3748077.12	30020.99205	0.00030	0.07513	3.60527E-09	0.17570	2.72303E-08	0.00030
443732.42	3748077.12	37414.90992	0.00038	0.07229	3.46899E-09	0.20447	3.16891E-08	0.00038
443543.62	3748107.58	20500.38901	0.00021	0.08886	4.26413E-09	0.11405	1.76757E-08	0.00021
443581.38	3748107.58	21102.00207	0.00021	0.08600	4.12689E-09	0.12681	1.96532E-08	0.00021
443619.14	3748107.58	22171.73031	0.00022	0.08232	3.95030E-09	0.14211	2.20244E-08	0.00022
443656.9	3748107.58	24405.48711	0.00025	0.07943	3.81162E-09	0.16177	2.50714E-08	0.00025
443694.66	3748107.58	28845.0434	0.00029	0.07834	3.75931E-09	0.18928	2.93349E-08	0.00029
443732.42	3748107.58	35087.54319	0.00035	0.07534	3.61535E-09	0.22388	3.46973E-08	0.00035
443543.62	3748138.04	21852.56819	0.00022	0.09424	4.52231E-09	0.11882	1.84149E-08	0.00022
443581.38	3748138.04	21795.87047	0.00022	0.09014	4.32556E-09	0.13263	2.05552E-08	0.00022
443619.14	3748138.04	22347.22483	0.00023	0.08599	4.12641E-09	0.14963	2.31899E-08	0.00023
443656.9	3748138.04	24100.35889	0.00024	0.08313	3.98917E-09	0.17202	2.66599E-08	0.00024
443694.66	3748138.04	27621.953	0.00028	0.08181	3.92583E-09	0.20359	3.15527E-08	0.00028
443732.42	3748138.04	32674.67363	0.00033	0.07872	3.77755E-09	0.24536	3.80263E-08	0.00033
443543.62	3748168.5	23583.62479	0.00024	0.09937	4.76848E-09	0.12302	1.90658E-08	0.00024
443581.38	3748168.5	22895.45648	0.00023	0.09492	4.55494E-09	0.13803	2.13921E-08	0.00023
443619.14	3748168.5	22899.61259	0.00023	0.09031	4.33372E-09	0.15679	2.42996E-08	0.00023
443656.9	3748168.5	24162.18417	0.00024	0.08751	4.19935E-09	0.18189	2.81896E-08	0.00024
443694.66	3748168.5	26675.89312	0.00027	0.08580	4.11729E-09	0.21758	3.37209E-08	0.00027
443732.42	3748168.5	30320.76783	0.00031	0.08219	3.94406E-09	0.26625	4.12639E-08	0.00031
444172.99	3747085.77	3436.6302	0.00003	0.02206	1.05860E-09	0.03205	4.96716E-09	0.00003
444272.99	3747085.77	3436.65313	0.00003	0.02204	1.05764E-09	0.03413	5.28952E-09	0.00003
444372.99	3747085.77	3370.63825	0.00003	0.02195	1.05332E-09	0.03525	5.46310E-09	0.00003
444472.99	3747085.77	3237.14617	0.00003	0.02149	1.03124E-09	0.03510	5.43986E-09	0.00003
444572.99	3747085.77	3013.02036	0.00003	0.02067	9.91894E-10	0.03464	5.36856E-09	0.00003
444672.99	3747085.77	2791.95569	0.00003	0.01976	9.48225E-10	0.03479	5.39181E-09	0.00003
444772.99	3747085.77	2580.05484	0.00003	0.01874	8.99278E-10	0.03456	5.35617E-09	0.00003
444872.99	3747085.77	2391.07814	0.00002	0.01774	8.51291E-10	0.03378	5.23528E-09	0.00002
444972.99	3747085.77	2221.4289	0.00002	0.01678	8.05224E-10	0.03225	4.99816E-09	0.00002
445072.99	3747085.77	2077.95451	0.00002	0.01597	7.66354E-10	0.03046	4.72074E-09	0.00002
445172.99	3747085.77	1954.47326	0.00002	0.01534	7.36122E-10	0.02890	4.47897E-09	0.00002
445272.99	3747085.77	1855.13689	0.00002	0.01490	7.15008E-10	0.02783	4.31314E-09	0.00002
445372.99	3747085.77	1768.23288	0.00002	0.01453	6.97253E-10	0.02669	4.13646E-09	0.00002

445472.99	3747085.77	1692.811	0.00002	0.01420	6.81417E-10	0.02530	3.92104E-09	0.00002
445572.99	3747085.77	1635.64253	0.00002	0.01389	6.66541E-10	0.02395	3.71181E-09	0.00002
444172.99	3747185.77	3947.76636	0.00004	0.02369	1.13681E-09	0.03636	5.63513E-09	0.00004
444272.99	3747185.77	3914.09167	0.00004	0.02372	1.13825E-09	0.03878	6.01019E-09	0.00004
444372.99	3747185.77	3814.76253	0.00004	0.02340	1.12290E-09	0.03992	6.18687E-09	0.00004
444472.99	3747185.77	3567.59137	0.00004	0.02256	1.08259E-09	0.03930	6.09078E-09	0.00004
444572.99	3747185.77	3262.28775	0.00003	0.02149	1.03124E-09	0.03875	6.00554E-09	0.00003
444672.99	3747185.77	2986.39483	0.00003	0.02033	9.75578E-10	0.03857	5.97764E-09	0.00003
444772.99	3747185.77	2735.09064	0.00003	0.01912	9.17514E-10	0.03782	5.86141E-09	0.00003
444872.99	3747185.77	2524.02278	0.00003	0.01802	8.64728E-10	0.03651	5.65838E-09	0.00003
444972.99	3747185.77	2342.12849	0.00002	0.01710	8.20580E-10	0.03456	5.35617E-09	0.00002
445072.99	3747185.77	2185.44087	0.00002	0.01637	7.85549E-10	0.03242	5.02450E-09	0.00002
445172.99	3747185.77	2059.88205	0.00002	0.01584	7.60116E-10	0.03074	4.76414E-09	0.00002
445272.99	3747185.77	1969.11913	0.00002	0.01547	7.42361E-10	0.02958	4.58436E-09	0.00002
445372.99	3747185.77	1889.47805	0.00002	0.01511	7.25085E-10	0.02812	4.35808E-09	0.00002
445472.99	3747185.77	1825.71117	0.00002	0.01474	7.07330E-10	0.02655	4.11476E-09	0.00002
445572.99	3747185.77	1773.52518	0.00002	0.01435	6.88615E-10	0.02498	3.87144E-09	0.00002
444172.99	3747285.77	4603.62408	0.00005	0.02562	1.22943E-09	0.04174	6.46893E-09	0.00005
444272.99	3747285.77	4491.6485	0.00005	0.02541	1.21935E-09	0.04407	6.83004E-09	0.00005
444372.99	3747285.77	4298.62353	0.00004	0.02472	1.18624E-09	0.04503	6.97882E-09	0.00004
444472.99	3747285.77	3947.53019	0.00004	0.02360	1.13250E-09	0.04454	6.90288E-09	0.00004
444572.99	3747285.77	3563.57504	0.00004	0.02225	1.06771E-09	0.04380	6.78820E-09	0.00004
444672.99	3747285.77	3221.96334	0.00003	0.02082	9.99092E-10	0.04293	6.65336E-09	0.00003
444772.99	3747285.77	2930.79629	0.00003	0.01948	9.34789E-10	0.04157	6.44259E-09	0.00003
444872.99	3747285.77	2690.81361	0.00003	0.01839	8.82483E-10	0.03958	6.13417E-09	0.00003
444972.99	3747285.77	2487.00668	0.00003	0.01754	8.41694E-10	0.03688	5.71572E-09	0.00003
445072.99	3747285.77	2337.90355	0.00002	0.01694	8.12902E-10	0.03465	5.37011E-09	0.00002
445172.99	3747285.77	2226.59385	0.00002	0.01649	7.91307E-10	0.03294	5.10509E-09	0.00002
445272.99	3747285.77	2140.53256	0.00002	0.01610	7.72593E-10	0.03138	4.86332E-09	0.00002
445372.99	3747285.77	2070.21299	0.00002	0.01570	7.53398E-10	0.02969	4.60140E-09	0.00002
445472.99	3747285.77	2010.44916	0.00002	0.01526	7.32283E-10	0.02795	4.33174E-09	0.00002
445572.99	3747285.77	1952.9204	0.00002	0.01475	7.07810E-10	0.02622	4.06362E-09	0.00002
444172.99	3747385.77	5482.06197	0.00006	0.02775	1.33164E-09	0.04855	7.52436E-09	0.00006
444272.99	3747385.77	5267.55399	0.00005	0.02716	1.30333E-09	0.05087	7.88392E-09	0.00005
444372.99	3747385.77	4922.83674	0.00005	0.02607	1.25102E-09	0.05190	8.04355E-09	0.00005
444472.99	3747385.77	4434.48717	0.00004	0.02463	1.18192E-09	0.05134	7.95676E-09	0.00004
444572.99	3747385.77	4011.74835	0.00004	0.02312	1.10946E-09	0.05076	7.86687E-09	0.00004
444672.99	3747385.77	3514.60003	0.00004	0.02124	1.01925E-09	0.04781	7.40967E-09	0.00004
444772.99	3747385.77	3175.77102	0.00003	0.01990	9.54944E-10	0.04565	7.07491E-09	0.00003
444872.99	3747385.77	2910.12061	0.00003	0.01891	9.07436E-10	0.04274	6.62392E-09	0.00003
444972.99	3747385.77	2719.36781	0.00003	0.01820	8.73365E-10	0.03974	6.15897E-09	0.00003
445072.99	3747385.77	2575.46915	0.00003	0.01765	8.46973E-10	0.03717	5.76067E-09	0.00003
445172.99	3747385.77	2467.29647	0.00002	0.01719	8.24898E-10	0.03523	5.46000E-09	0.00002
445272.99	3747385.77	2375.76421	0.00002	0.01671	8.01865E-10	0.03332	5.16399E-09	0.00002
445372.99	3747385.77	2299.73204	0.00002	0.01622	7.78351E-10	0.03142	4.86952E-09	0.00002
445472.99	3747385.77	2222.22136	0.00002	0.01566	7.51478E-10	0.02944	4.56266E-09	0.00002
445572.99	3747385.77	2142.3102	0.00002	0.01511	7.25085E-10	0.02757	4.27284E-09	0.00002
444172.99	3747485.77	6751.7963	0.00007	0.03004	1.44153E-09	0.05757	8.92229E-09	0.00007
444272.99	3747485.77	6260.30271	0.00006	0.02878	1.38107E-09	0.05921	9.17646E-09	0.00006
444372.99	3747485.77	5725.14625	0.00006	0.02733	1.31149E-09	0.06075	9.41513E-09	0.00006
444472.99	3747485.77	5045.66563	0.00005	0.02543	1.22031E-09	0.05918	9.17181E-09	0.00005
444572.99	3747485.77	4398.08994	0.00004	0.02335	1.12050E-09	0.05581	8.64952E-09	0.00004
444672.99	3747485.77	3883.9527	0.00004	0.02165	1.03892E-09	0.05282	8.18613E-09	0.00004
444772.99	3747485.77	3531.03349	0.00004	0.02051	9.84216E-10	0.05016	7.77388E-09	0.00004
444872.99	3747485.77	3265.79533	0.00003	0.01967	9.43906E-10	0.04645	7.19890E-09	0.00003
444972.99	3747485.77	3075.44725	0.00003	0.01904	9.13675E-10	0.04302	6.66731E-09	0.00003
445072.99	3747485.77	2913.99051	0.00003	0.01845	8.85362E-10	0.04022	6.23336E-09	0.00003
445172.99	3747485.77	2776.6163	0.00003	0.01786	8.57050E-10	0.03787	5.86915E-09	0.00003
445272.99	3747485.77	2655.95593	0.00003	0.01725	8.27778E-10	0.03556	5.51115E-09	0.00003

445372.99	3747485.77	2545.43831	0.00003	0.01665	7.98985E-10	0.03330	5.16089E-09	0.00003
445472.99	3747485.77	2439.3938	0.00002	0.01611	7.73072E-10	0.03123	4.84008E-09	0.00002
445572.99	3747485.77	2333.08698	0.00002	0.01568	7.52438E-10	0.02938	4.55336E-09	0.00002
444172.99	3747585.77	8667.93865	0.00009	0.03234	1.55190E-09	0.06971	1.08038E-08	0.00009
444272.99	3747585.77	7689.73113	0.00008	0.03030	1.45401E-09	0.07058	1.09386E-08	0.00008
444372.99	3747585.77	6825.54729	0.00007	0.02834	1.35995E-09	0.07153	1.10858E-08	0.00007
444472.99	3747585.77	5896.46021	0.00006	0.02601	1.24814E-09	0.06786	1.05171E-08	0.00006
444572.99	3747585.77	5046.69891	0.00005	0.02381	1.14257E-09	0.06248	9.68325E-09	0.00005
444672.99	3747585.77	4498.30753	0.00005	0.02241	1.07539E-09	0.05948	9.21831E-09	0.00005
444772.99	3747585.77	4111.69191	0.00004	0.02144	1.02884E-09	0.05577	8.64333E-09	0.00004
444872.99	3747585.77	3799.45487	0.00004	0.02064	9.90454E-10	0.05101	7.90561E-09	0.00004
444972.99	3747585.77	3540.21946	0.00004	0.01991	9.55423E-10	0.04696	7.27794E-09	0.00004
445072.99	3747585.77	3327.8164	0.00003	0.01921	9.21832E-10	0.04403	6.82384E-09	0.00003
445172.99	3747585.77	3128.86486	0.00003	0.01847	8.86322E-10	0.04108	6.36665E-09	0.00003
445272.99	3747585.77	2958.99667	0.00003	0.01781	8.54650E-10	0.03835	5.94355E-09	0.00003
445372.99	3747585.77	2799.84211	0.00003	0.01728	8.29217E-10	0.03579	5.54679E-09	0.00003
445472.99	3747585.77	2642.14537	0.00003	0.01686	8.09063E-10	0.03342	5.17949E-09	0.00003
445572.99	3747585.77	2500.18645	0.00003	0.01665	7.98985E-10	0.03153	4.88657E-09	0.00003
444172.99	3747685.77	12025.04643	0.00012	0.03471	1.66563E-09	0.08770	1.35919E-08	0.00012
444272.99	3747685.77	10221.98808	0.00010	0.03194	1.53271E-09	0.08769	1.35903E-08	0.00010
444372.99	3747685.77	8667.5402	0.00009	0.02926	1.40410E-09	0.08528	1.32168E-08	0.00009
444472.99	3747685.77	7229.13931	0.00007	0.02664	1.27838E-09	0.07813	1.21087E-08	0.00007
444572.99	3747685.77	6132.0072	0.00006	0.02469	1.18480E-09	0.07179	1.11261E-08	0.00006
444672.99	3747685.77	5419.73786	0.00005	0.02346	1.12578E-09	0.06736	1.04396E-08	0.00005
444772.99	3747685.77	4884.32346	0.00005	0.02249	1.07923E-09	0.06193	9.59801E-09	0.00005
444872.99	3747685.77	4456.63954	0.00005	0.02163	1.03796E-09	0.05660	8.77196E-09	0.00005
444972.99	3747685.77	4087.964	0.00004	0.02075	9.95733E-10	0.05221	8.09159E-09	0.00004
445072.99	3747685.77	3783.41483	0.00004	0.01995	9.57343E-10	0.04870	7.54761E-09	0.00004
445172.99	3747685.77	3512.21105	0.00004	0.01926	9.24232E-10	0.04521	7.00672E-09	0.00004
445272.99	3747685.77	3261.04456	0.00003	0.01872	8.98319E-10	0.04175	6.47048E-09	0.00003
445372.99	3747685.77	3030.27979	0.00003	0.01834	8.80084E-10	0.03862	5.98539E-09	0.00003
445472.99	3747685.77	2821.15994	0.00003	0.01813	8.70006E-10	0.03597	5.57469E-09	0.00003
445572.99	3747685.77	2634.42983	0.00003	0.01804	8.65688E-10	0.03383	5.24303E-09	0.00003
444172.99	3747785.77	18544.94803	0.00019	0.03674	1.76305E-09	0.11347	1.75858E-08	0.00019
444272.99	3747785.77	14858.64823	0.00015	0.03334	1.59989E-09	0.11032	1.70976E-08	0.00015
444372.99	3747785.77	12082.25381	0.00012	0.03061	1.46889E-09	0.10471	1.62281E-08	0.00012
444472.99	3747785.77	9448.67105	0.00010	0.02781	1.33452E-09	0.09310	1.44288E-08	0.00010
444572.99	3747785.77	7787.08914	0.00008	0.02604	1.24958E-09	0.08471	1.31285E-08	0.00008
444672.99	3747785.77	6670.75279	0.00007	0.02474	1.18720E-09	0.07771	1.20436E-08	0.00007
444772.99	3747785.77	5888.73293	0.00006	0.02370	1.13729E-09	0.07091	1.09897E-08	0.00006
444872.99	3747785.77	5240.66567	0.00005	0.02266	1.08739E-09	0.06433	9.96997E-09	0.00005
444972.99	3747785.77	4705.49869	0.00005	0.02173	1.04276E-09	0.05903	9.14857E-09	0.00005
445072.99	3747785.77	4253.36808	0.00004	0.02098	1.00677E-09	0.05418	8.39690E-09	0.00004
445172.99	3747785.77	3881.87272	0.00004	0.02054	9.85655E-10	0.04977	7.71344E-09	0.00004
445272.99	3747785.77	3544.08337	0.00004	0.02023	9.70779E-10	0.04552	7.05476E-09	0.00004
445372.99	3747785.77	3244.4436	0.00003	0.02002	9.60702E-10	0.04183	6.48288E-09	0.00003
445472.99	3747785.77	2992.29374	0.00003	0.01993	9.56383E-10	0.03894	6.03498E-09	0.00003
445572.99	3747785.77	2774.15687	0.00003	0.01984	9.52064E-10	0.03659	5.67078E-09	0.00003
444172.99	3747885.77	33240.16476	0.00034	0.03863	1.85374E-09	0.15375	2.38284E-08	0.00034
444272.99	3747885.77	23680.18819	0.00024	0.03495	1.67715E-09	0.14290	2.21469E-08	0.00024
444372.99	3747885.77	17233.74478	0.00017	0.03207	1.53895E-09	0.13020	2.01786E-08	0.00017
444472.99	3747885.77	12777.39524	0.00013	0.02955	1.41802E-09	0.11517	1.78492E-08	0.00013
444572.99	3747885.77	9943.186	0.00010	0.02751	1.32013E-09	0.10175	1.57694E-08	0.00010
444672.99	3747885.77	8286.85222	0.00008	0.02616	1.25534E-09	0.09223	1.42940E-08	0.00008
444772.99	3747885.77	7091.39479	0.00007	0.02502	1.20064E-09	0.08286	1.28418E-08	0.00007
444872.99	3747885.77	6124.32832	0.00006	0.02402	1.15265E-09	0.07445	1.15384E-08	0.00006
444972.99	3747885.77	5348.71797	0.00005	0.02326	1.11618E-09	0.06724	1.04210E-08	0.00005
445072.99	3747885.77	4719.54528	0.00005	0.02275	1.09171E-09	0.06048	9.37329E-09	0.00005
445172.99	3747885.77	4231.30107	0.00004	0.02253	1.08115E-09	0.05476	8.48679E-09	0.00004

445272.99	3747885.77	3819.29934	0.00004	0.02239	1.07443E-09	0.04981	7.71964E-09	0.00004
445372.99	3747885.77	3470.88282	0.00004	0.02222	1.06627E-09	0.04579	7.09661E-09	0.00004
445472.99	3747885.77	3169.76049	0.00003	0.02194	1.05284E-09	0.04247	6.58207E-09	0.00003
445572.99	3747885.77	2922.35429	0.00003	0.02160	1.03652E-09	0.03976	6.16207E-09	0.00003
444172.99	3747985.77	69403.55977	0.00070	0.04201	2.01594E-09	0.22627	3.50677E-08	0.00070
444272.99	3747985.77	38053.717	0.00038	0.03701	1.77600E-09	0.19407	3.00773E-08	0.00038
444372.99	3747985.77	23680.63396	0.00024	0.03347	1.60613E-09	0.16746	2.59532E-08	0.00024
444472.99	3747985.77	16721.43325	0.00017	0.03110	1.49240E-09	0.14444	2.23855E-08	0.00017
444572.99	3747985.77	12746.85185	0.00013	0.02935	1.40842E-09	0.12743	1.97493E-08	0.00013
444672.99	3747985.77	10154.05956	0.00010	0.02799	1.34316E-09	0.11219	1.73874E-08	0.00010
444772.99	3747985.77	8317.84214	0.00008	0.02696	1.29373E-09	0.09827	1.52300E-08	0.00008
444872.99	3747985.77	6978.88342	0.00007	0.02625	1.25966E-09	0.08700	1.34834E-08	0.00007
444972.99	3747985.77	5951.36362	0.00006	0.02574	1.23519E-09	0.07683	1.19072E-08	0.00006
445072.99	3747985.77	5174.38427	0.00005	0.02542	1.21983E-09	0.06804	1.05450E-08	0.00005
445172.99	3747985.77	4556.30981	0.00005	0.02509	1.20400E-09	0.06065	9.39964E-09	0.00005
445272.99	3747985.77	4079.85759	0.00004	0.02478	1.18912E-09	0.05507	8.53484E-09	0.00004
445372.99	3747985.77	3680.08509	0.00004	0.02430	1.16609E-09	0.05050	7.82657E-09	0.00004
445472.99	3747985.77	3343.97968	0.00003	0.02365	1.13490E-09	0.04666	7.23144E-09	0.00003
445572.99	3747985.77	3067.77965	0.00003	0.02294	1.10082E-09	0.04340	6.72620E-09	0.00003
444172.99	3748085.77	125768.571	0.00127	0.04402	2.11239E-09	0.37461	5.80577E-08	0.00127
444272.99	3748085.77	55182.21535	0.00056	0.03887	1.86526E-09	0.28945	4.48594E-08	0.00056
444372.99	3748085.77	32064.97164	0.00032	0.03573	1.71458E-09	0.23362	3.62068E-08	0.00032
444472.99	3748085.77	21397.17272	0.00022	0.03360	1.61237E-09	0.19398	3.00633E-08	0.00022
444572.99	3748085.77	15403.51962	0.00016	0.03201	1.53607E-09	0.16420	2.54480E-08	0.00016
444672.99	3748085.77	11739.6963	0.00012	0.03087	1.48136E-09	0.13905	2.15502E-08	0.00012
444772.99	3748085.77	9352.9505	0.00009	0.03012	1.44537E-09	0.11895	1.84351E-08	0.00009
444872.99	3748085.77	7689.84993	0.00008	0.02957	1.41898E-09	0.10270	1.59166E-08	0.00008
444972.99	3748085.77	6457.94902	0.00007	0.02899	1.39115E-09	0.08853	1.37205E-08	0.00007
445072.99	3748085.77	5542.73703	0.00006	0.02836	1.36091E-09	0.07712	1.19522E-08	0.00006
445172.99	3748085.77	4844.32597	0.00005	0.02764	1.32636E-09	0.06841	1.06023E-08	0.00005
445272.99	3748085.77	4296.55846	0.00004	0.02681	1.28653E-09	0.06171	9.56392E-09	0.00004
445372.99	3748085.77	3858.91041	0.00004	0.02588	1.24191E-09	0.05629	8.72392E-09	0.00004
445472.99	3748085.77	3494.07812	0.00004	0.02486	1.19296E-09	0.05165	8.00480E-09	0.00004
445572.99	3748085.77	3190.52605	0.00003	0.02383	1.14353E-09	0.04772	7.39572E-09	0.00003
444172.99	3748185.77	271548.0862	0.00274	0.04679	2.24532E-09	0.74112	1.14860E-07	0.00274
444272.99	3748185.77	76423.29123	0.00077	0.04240	2.03465E-09	0.48587	7.53009E-08	0.00077
444372.99	3748185.77	38644.88079	0.00039	0.03952	1.89645E-09	0.35230	5.46000E-08	0.00039
444472.99	3748185.77	24250.58829	0.00025	0.03761	1.80480E-09	0.27211	4.21721E-08	0.00025
444572.99	3748185.77	16987.93795	0.00017	0.03625	1.73953E-09	0.21831	3.38340E-08	0.00017
444672.99	3748185.77	12706.68232	0.00013	0.03515	1.68675E-09	0.17677	2.73961E-08	0.00013
444772.99	3748185.77	9957.5313	0.00010	0.03416	1.63924E-09	0.14555	2.25576E-08	0.00010
444872.99	3748185.77	8149.92276	0.00008	0.03334	1.59989E-09	0.12245	1.89775E-08	0.00008
444972.99	3748185.77	6793.81716	0.00007	0.03219	1.54471E-09	0.10321	1.59957E-08	0.00007
445072.99	3748185.77	5797.94747	0.00006	0.03094	1.48472E-09	0.08894	1.37841E-08	0.00006
445172.99	3748185.77	5040.12308	0.00005	0.02963	1.42186E-09	0.07827	1.21304E-08	0.00005
445272.99	3748185.77	4451.37474	0.00004	0.02830	1.35804E-09	0.06993	1.08379E-08	0.00005
445372.99	3748185.77	3979.39479	0.00004	0.02698	1.29469E-09	0.06309	9.77779E-09	0.00004
445472.99	3748185.77	3594.24064	0.00004	0.02572	1.23423E-09	0.05744	8.90215E-09	0.00004
445572.99	3748185.77	3275.05194	0.00003	0.02454	1.17760E-09	0.05279	8.18148E-09	0.00003
444172.99	3748285.77	112757.4259	0.00114	0.05242	2.51548E-09	1.66080	2.57393E-07	0.00114
444272.99	3748285.77	58495.70806	0.00059	0.04861	2.33265E-09	0.87178	1.35110E-07	0.00059
444372.99	3748285.77	34514.28693	0.00035	0.04597	2.20597E-09	0.56244	8.71679E-08	0.00035
444472.99	3748285.77	22932.38877	0.00023	0.04379	2.10136E-09	0.39748	6.16021E-08	0.00023
444572.99	3748285.77	16575.04908	0.00017	0.04200	2.01546E-09	0.29752	4.61101E-08	0.00017
444672.99	3748285.77	12630.15873	0.00013	0.04026	1.93196E-09	0.22886	3.54691E-08	0.00013
444772.99	3748285.77	10051.91726	0.00010	0.03860	1.85230E-09	0.18170	2.81602E-08	0.00010
444872.99	3748285.77	8208.93282	0.00008	0.03672	1.76209E-09	0.14653	2.27095E-08	0.00008
444972.99	3748285.77	6870.58354	0.00007	0.03479	1.66947E-09	0.12134	1.88055E-08	0.00007
445072.99	3748285.77	5881.58594	0.00006	0.03294	1.58070E-09	0.10341	1.60267E-08	0.00006

445172.99	3748285.77	5111.9434	0.00005	0.03112	1.49336E-09	0.08979	1.39158E-08	0.00005
445272.99	3748285.77	4517.07364	0.00005	0.02948	1.41466E-09	0.07928	1.22869E-08	0.00005
445372.99	3748285.77	4036.17234	0.00004	0.02795	1.34124E-09	0.07092	1.09913E-08	0.00004
445472.99	3748285.77	3651.72527	0.00004	0.02656	1.27454E-09	0.06411	9.93587E-09	0.00004
445572.99	3748285.77	3324.81218	0.00003	0.02530	1.21407E-09	0.05841	9.05248E-09	0.00003
444172.99	3748385.77	27903.01	0.00028	0.06248	2.99823E-09	5.01883	7.77826E-07	0.00028
444272.99	3748385.77	25607.23942	0.00026	0.05785	2.77605E-09	1.66727	2.58396E-07	0.00026
444372.99	3748385.77	21654.46572	0.00022	0.05419	2.60042E-09	0.90619	1.40443E-07	0.00022
444472.99	3748385.77	17471.82371	0.00018	0.05107	2.45070E-09	0.58296	9.03481E-08	0.00018
444572.99	3748385.77	13958.69794	0.00014	0.04800	2.30338E-09	0.40285	6.24344E-08	0.00014
444672.99	3748385.77	11336.04057	0.00011	0.04514	2.16614E-09	0.29432	4.56142E-08	0.00011
444772.99	3748385.77	9365.27397	0.00009	0.04235	2.03225E-09	0.22377	3.46802E-08	0.00009
444872.99	3748385.77	7849.57679	0.00008	0.03959	1.89981E-09	0.17593	2.72659E-08	0.00008
444972.99	3748385.77	6658.06987	0.00007	0.03688	1.76976E-09	0.14278	2.21283E-08	0.00007
445072.99	3748385.77	5770.0966	0.00006	0.03459	1.65987E-09	0.12003	1.86024E-08	0.00006
445172.99	3748385.77	5049.20906	0.00005	0.03245	1.55718E-09	0.10279	1.59306E-08	0.00005
445272.99	3748385.77	4489.14264	0.00005	0.03060	1.46841E-09	0.08982	1.39205E-08	0.00005
445372.99	3748385.77	4028.40022	0.00004	0.02896	1.38971E-09	0.07950	1.23210E-08	0.00004
445472.99	3748385.77	3652.96057	0.00004	0.02752	1.32061E-09	0.07099	1.10021E-08	0.00004
445572.99	3748385.77	3325.52357	0.00003	0.02613	1.25390E-09	0.06378	9.88473E-09	0.00003
444172.99	3748485.77	14389.42677	0.00015	0.07524	3.61055E-09	10.99067	1.70335E-06	0.00015
444272.99	3748485.77	13668.18808	0.00014	0.06870	3.29671E-09	4.14076	6.41742E-07	0.00014
444372.99	3748485.77	13181.27867	0.00013	0.06349	3.04670E-09	1.56610	2.42717E-07	0.00013
444472.99	3748485.77	12111.911	0.00012	0.05844	2.80437E-09	0.86227	1.33636E-07	0.00012
444572.99	3748485.77	10748.59512	0.00011	0.05371	2.57739E-09	0.54597	8.46153E-08	0.00011
444672.99	3748485.77	9372.33745	0.00009	0.04936	2.36864E-09	0.37433	5.80143E-08	0.00009
444772.99	3748485.77	8132.53549	0.00008	0.04543	2.18005E-09	0.27290	4.22945E-08	0.00008
444872.99	3748485.77	7099.27686	0.00007	0.04206	2.01834E-09	0.21045	3.26159E-08	0.00007
444972.99	3748485.77	6205.60116	0.00006	0.03897	1.87006E-09	0.16837	2.60943E-08	0.00006
445072.99	3748485.77	5450.70428	0.00006	0.03620	1.73713E-09	0.13855	2.14727E-08	0.00006
445172.99	3748485.77	4854.94957	0.00005	0.03394	1.62868E-09	0.11727	1.81747E-08	0.00005
445272.99	3748485.77	4345.63388	0.00004	0.03188	1.52983E-09	0.10070	1.56067E-08	0.00004
445372.99	3748485.77	3933.68514	0.00004	0.03017	1.44777E-09	0.08770	1.35919E-08	0.00004
445472.99	3748485.77	3572.81199	0.00004	0.02856	1.37051E-09	0.07710	1.19491E-08	0.00004
445572.99	3748485.77	3266.51481	0.00003	0.02714	1.30237E-09	0.06841	1.06023E-08	0.00003
443047.86	3748855.7	14171.13749	0.00014	1.16706	5.60038E-08	0.04334	6.71690E-09	0.00014
443030.11	3748868.74	11992.64865	0.00012	0.99029	4.75212E-08	0.04221	6.54177E-09	0.00012
443016.91	3748884.58	10350.56362	0.00010	0.88024	4.22402E-08	0.04123	6.38989E-09	0.00010
442999.31	3748898.66	9034.65197	0.00009	0.76221	3.65763E-08	0.04016	6.22406E-09	0.00009
442983.47	3748918.02	7842.44673	0.00008	0.67038	3.21696E-08	0.03908	6.05668E-09	0.00008
442962.35	3748934.74	6904.37202	0.00007	0.57481	2.75835E-08	0.03792	5.87690E-09	0.00007
442947.39	3748948.82	6310.52306	0.00006	0.51727	2.48223E-08	0.03711	5.75137E-09	0.00006
442935.07	3748963.78	5818.11448	0.00006	0.47339	2.27166E-08	0.03639	5.63978E-09	0.00006
442916.59	3748985.78	5195.69148	0.00005	0.41469	1.98998E-08	0.03527	5.46620E-09	0.00005
442898.98	3749001.62	4788.94045	0.00005	0.36979	1.77452E-08	0.03437	5.32672E-09	0.00005
442881.38	3749017.46	4455.71398	0.00005	0.33228	1.59452E-08	0.03360	5.20738E-09	0.00005
442868.18	3749033.31	4184.73303	0.00004	0.30498	1.46351E-08	0.03294	5.10509E-09	0.00004
442854.1	3749046.51	3972.50507	0.00004	0.28105	1.34868E-08	0.03237	5.01676E-09	0.00004
442832.98	3749062.35	3725.21602	0.00004	0.25129	1.20587E-08	0.03157	4.89277E-09	0.00004
442816.26	3749081.71	3495.49838	0.00004	0.22807	1.09444E-08	0.03085	4.78118E-09	0.00004
442801.3	3749094.91	3342.89086	0.00003	0.21126	1.01378E-08	0.03030	4.69594E-09	0.00003
442780.18	3749111.63	3158.19132	0.00003	0.19090	9.16074E-09	0.02953	4.57661E-09	0.00003
442764.34	3749127.47	3016.92318	0.00003	0.17669	8.47884E-09	0.02897	4.48982E-09	0.00003
442750.26	3749130.11	2966.96196	0.00003	0.16864	8.09255E-09	0.02865	4.44022E-09	0.00003
442722.1	3749138.03	2857.14773	0.00003	0.15355	7.36842E-09	0.02800	4.33949E-09	0.00003
442705.38	3749146.83	2772.46864	0.00003	0.14457	6.93750E-09	0.02754	4.26819E-09	0.00003
442678.1	3749144.19	2716.71694	0.00003	0.13481	6.46914E-09	0.02701	4.18605E-09	0.00003
442659.62	3749147.71	2656.48695	0.00003	0.12784	6.13467E-09	0.02660	4.12251E-09	0.00003
442638.49	3749145.07	2615.79043	0.00003	0.12161	5.83571E-09	0.02622	4.06362E-09	0.00003

442662.26	3749101.07	2861.32324	0.00003	0.13666	6.55792E-09	0.02719	4.21395E-09	0.00003
442694.82	3749095.79	2989.7465	0.00003	0.15076	7.23454E-09	0.02794	4.33019E-09	0.00003
442709.78	3749094.03	3048.53311	0.00003	0.15790	7.57717E-09	0.02829	4.38443E-09	0.00003
442730.02	3749086.99	3157.36855	0.00003	0.16957	8.13717E-09	0.02884	4.46967E-09	0.00003
442752.02	3749068.51	3353.70533	0.00003	0.18672	8.96015E-09	0.02960	4.58746E-09	0.00003
442796.9	3749035.94	3802.69619	0.00004	0.22884	1.09814E-08	0.03120	4.83543E-09	0.00004
442817.14	3749007.78	4178.20618	0.00004	0.25664	1.23154E-08	0.03219	4.98886E-09	0.00004
442845.3	3748987.54	4597.92385	0.00005	0.29572	1.41907E-08	0.03328	5.15779E-09	0.00005
442865.54	3748973.46	4948.46134	0.00005	0.32894	1.57849E-08	0.03408	5.28177E-09	0.00005
442840.9	3748956.74	4934.34579	0.00005	0.29743	1.42728E-08	0.03366	5.21668E-09	0.00005
442888.42	3748944.42	5647.42634	0.00006	0.37644	1.80643E-08	0.03535	5.47860E-09	0.00006
442871.7	3748932.1	5638.07099	0.00006	0.34792	1.66957E-08	0.03505	5.43211E-09	0.00006
442872.58	3748910.98	5995.9995	0.00006	0.35178	1.68809E-08	0.03542	5.48945E-09	0.00006
442880.5	3748896.9	6374.41491	0.00006	0.36682	1.76026E-08	0.03591	5.56539E-09	0.00006
442906.02	3748895.14	6893.32328	0.00007	0.42037	2.01723E-08	0.03682	5.70642E-09	0.00007
442925.39	3748905.7	7042.61971	0.00007	0.46767	2.24421E-08	0.03736	5.79011E-09	0.00007
442928.03	3748871.38	8013.78653	0.00008	0.47456	2.27728E-08	0.03808	5.90170E-09	0.00008
442942.99	3748881.94	8113.51119	0.00008	0.52148	2.50243E-08	0.03844	5.95749E-09	0.00008
442959.71	3748871.38	8974.63135	0.00009	0.58004	2.78344E-08	0.03929	6.08923E-09	0.00009
442923.63	3748842.34	8708.83507	0.00009	0.45462	2.18159E-08	0.03843	5.95594E-09	0.00009
442937.71	3748821.22	9915.24179	0.00010	0.48229	2.31437E-08	0.03939	6.10473E-09	0.00010
442971.15	3748822.98	11528.31724	0.00012	0.60302	2.89372E-08	0.04072	6.31085E-09	0.00012
442986.11	3748841.46	11429.097	0.00012	0.68802	3.30161E-08	0.04095	6.34650E-09	0.00012
442985.23	3748812.42	12978.31405	0.00013	0.65520	3.14412E-08	0.04155	6.43949E-09	0.00013
443001.95	3748822.1	13633.86993	0.00014	0.75575	3.62663E-08	0.04211	6.52628E-09	0.00014
443063.55	3748836.18	17934.76257	0.00018	1.36712	6.56041E-08	0.04461	6.91373E-09	0.00018
443064.43	3748815.06	21406.31899	0.00022	1.34855	6.47130E-08	0.04516	6.99897E-09	0.00022
443051.23	3748791.3	22617.50375	0.00023	1.11035	5.32825E-08	0.04490	6.95868E-09	0.00023
443003.71	3748799.22	15371.88114	0.00016	0.73147	3.51011E-08	0.04268	6.61462E-09	0.00016
442974.67	3748795.7	13079.5194	0.00013	0.58480	2.80629E-08	0.04143	6.42089E-09	0.00013
443038.91	3748779.86	21798.73911	0.00022	0.94633	4.54116E-08	0.04457	6.90753E-09	0.00022
443027.47	3748759.62	21675.5003	0.00022	0.78575	3.77059E-08	0.04447	6.89203E-09	0.00022
443023.95	3748743.77	22130.89324	0.00022	0.71380	3.42532E-08	0.04457	6.90753E-09	0.00022
443008.99	3748724.41	20359.73925	0.00021	0.58681	2.81593E-08	0.04419	6.84864E-09	0.00021
443008.99	3748702.41	20920.95939	0.00021	0.53777	2.58060E-08	0.04448	6.89358E-09	0.00021
443097.87	3748795.7	34177.05048	0.00035	1.95322	9.37294E-08	0.04726	7.32443E-09	0.00035
443090.83	3748778.98	36527.86594	0.00037	1.64624	7.89983E-08	0.04718	7.31203E-09	0.00037
443071.47	3748764.02	31902.09639	0.00032	1.22132	5.86076E-08	0.04636	7.18495E-09	0.00032
443064.43	3748742.01	32058.23154	0.00032	1.01173	4.85500E-08	0.04632	7.17875E-09	0.00032
443051.23	3748723.53	29056.84445	0.00029	0.82158	3.94253E-08	0.04586	7.10746E-09	0.00029
443042.43	3748707.69	27478.99595	0.00028	0.70747	3.39494E-08	0.04572	7.08576E-09	0.00028
443042.43	3748691.85	27719.30172	0.00028	0.65272	3.13221E-08	0.04593	7.11831E-09	0.00028
443141.87	3748742.01	114355.7284	0.00116	2.29450	1.10106E-07	0.05108	7.91646E-09	0.00116
443121.63	3748726.17	75143.51352	0.00076	1.53496	7.36583E-08	0.05008	7.76148E-09	0.00076
443107.55	3748705.05	58050.29218	0.00059	1.11935	5.37144E-08	0.04950	7.67159E-09	0.00059
443088.19	3748676.01	43226.93026	0.00044	0.78875	3.78498E-08	0.04866	7.54141E-09	0.00044
443145.39	3748708.57	116226.1138	0.00117	1.53184	7.35086E-08	0.05203	8.06369E-09	0.00117
443176.19	3748679.53	181595.5596	0.00184	1.23576	5.93006E-08	0.05489	8.50694E-09	0.00184
443103.15	3748670.73	51264.61368	0.00052	0.82510	3.95942E-08	0.04970	7.70259E-09	0.00052
443230.76	3748790.42	179843.0216	0.00182	18.60532	8.92816E-07	0.05699	8.83240E-09	0.00182
443242.2	3748767.54	291404.1265	0.00295	6.59912	3.16673E-07	0.05870	9.09742E-09	0.00295
443255.4	3748742.89	345245.9334	0.00349	3.31496	1.59075E-07	0.06054	9.38259E-09	0.00349
443265.08	3748712.97	398094.0958	0.00402	1.91868	9.20719E-08	0.06226	9.64916E-09	0.00402
443278.28	3748687.45	390396.0472	0.00395	1.34529	6.45566E-08	0.06411	9.93587E-09	0.00395
443297.64	3748659.29	374814.4172	0.00379	0.95696	4.59217E-08	0.06698	1.03807E-08	0.00379
443306.44	3748793.94	83032.96806	0.00084	5.89623	2.82943E-07	0.06292	9.75144E-09	0.00084
443339.88	3748786.02	73035.16324	0.00074	3.56274	1.70966E-07	0.06663	1.03264E-08	0.00074
443371.56	3748768.42	70293.41382	0.00071	2.13893	1.02641E-07	0.07132	1.10533E-08	0.00071
443392.68	3748756.98	66173.12539	0.00067	1.62583	7.80189E-08	0.07456	1.15554E-08	0.00067

443418.2	3748739.37	62226.74025	0.00063	1.17862	5.65586E-08	0.07897	1.22389E-08	0.00063
443444.6	3748724.41	57031.91171	0.00058	0.91862	4.40819E-08	0.08352	1.29441E-08	0.00058
443471.89	3748711.21	50234.33131	0.00051	0.73086	3.50719E-08	0.08915	1.38166E-08	0.00051
443496.53	3748694.49	46372.8004	0.00047	0.59044	2.83335E-08	0.09487	1.47031E-08	0.00047
443525.57	3748681.29	42114.71367	0.00043	0.49316	2.36653E-08	0.10159	1.57446E-08	0.00043
443548.45	3748668.09	38792.6601	0.00039	0.42023	2.01656E-08	0.10820	1.67690E-08	0.00039
443583.65	3748651.37	34857.93969	0.00035	0.34539	1.65743E-08	0.11898	1.84397E-08	0.00035
443383	3748960.26	10878.10715	0.00011	5.96445	2.86217E-07	0.06334	9.81654E-09	0.00011
443380.36	3748936.5	13162.70203	0.00013	5.89136	2.82709E-07	0.06440	9.98082E-09	0.00013
443370.68	3748910.1	16729.74334	0.00017	6.18113	2.96615E-07	0.06489	1.00568E-08	0.00017
443386.52	3748896.02	18937.32425	0.00019	4.83508	2.32022E-07	0.06725	1.04225E-08	0.00019
443423.48	3748874.9	21499.97367	0.00022	2.97689	1.42852E-07	0.07268	1.12641E-08	0.00022
443448.13	3748859.94	22833.34409	0.00023	2.21746	1.06410E-07	0.07675	1.18948E-08	0.00023
443465.73	3748849.38	23466.30429	0.00024	1.82300	8.74805E-08	0.07986	1.23768E-08	0.00024
443497.41	3748829.14	24052.65897	0.00024	1.30052	6.24082E-08	0.08615	1.33517E-08	0.00024
443513.25	3748820.34	23924.61531	0.00024	1.11900	5.36976E-08	0.08948	1.38678E-08	0.00024
443539.65	3748809.78	23240.34052	0.00023	0.91433	4.38761E-08	0.09491	1.47093E-08	0.00023
443559.89	3748803.62	22509.30146	0.00023	0.80175	3.84737E-08	0.09921	1.53757E-08	0.00023
443581.89	3748796.58	21701.74427	0.00022	0.69818	3.35036E-08	0.10434	1.61708E-08	0.00022
443602.13	3748793.06	20666.7136	0.00021	0.62524	3.00035E-08	0.10925	1.69317E-08	0.00021
443624.13	3748791.3	19495.72753	0.00020	0.56369	2.70499E-08	0.11477	1.77872E-08	0.00020
443642.61	3748786.9	18884.19779	0.00019	0.51578	2.47508E-08	0.11991	1.85838E-08	0.00019
443661.09	3748783.38	18202.76256	0.00018	0.47409	2.27502E-08	0.12542	1.94378E-08	0.00018
443683.97	3748786.02	16983.84991	0.00017	0.43928	2.10798E-08	0.13201	2.04591E-08	0.00017
443535.25	3748597.69	47732.32616	0.00048	0.30735	1.47488E-08	0.11191	1.73440E-08	0.00048
443511.49	3748617.05	51727.76789	0.00052	0.36228	1.73848E-08	0.10432	1.61677E-08	0.00052
443491.25	3748637.29	54899.55232	0.00055	0.42749	2.05140E-08	0.09835	1.52424E-08	0.00055
443468.37	3748647.85	61792.17361	0.00062	0.49445	2.37272E-08	0.09287	1.43931E-08	0.00062
443441.08	3748674.25	66546.43972	0.00067	0.63096	3.02779E-08	0.08672	1.34400E-08	0.00067
443414.68	3748689.21	77215.85396	0.00078	0.78643	3.77385E-08	0.08154	1.26372E-08	0.00078
443389.16	3748705.93	89936.25782	0.00091	1.01202	4.85639E-08	0.07680	1.19026E-08	0.00091
443307.32	3748632.01	374757.0644	0.00379	0.73870	3.54481E-08	0.06894	1.06844E-08	0.00379
443322.28	3748600.33	339854.9257	0.00344	0.57308	2.75005E-08	0.07187	1.11385E-08	0.00344
443336.36	3748572.17	300745.3694	0.00304	0.46485	2.23068E-08	0.07477	1.15880E-08	0.00304
443355.72	3748617.05	201247.5203	0.00203	0.60380	2.89746E-08	0.07534	1.16763E-08	0.00203
443377.72	3748583.61	182351.0601	0.00184	0.47082	2.25933E-08	0.07962	1.23396E-08	0.00184
443387.4	3748555.45	181431.5185	0.00183	0.40157	1.92702E-08	0.08235	1.27627E-08	0.00183
443399.72	3748531.69	178881.8802	0.00181	0.35276	1.69279E-08	0.08505	1.31812E-08	0.00181
443409.4	3748510.56	179965.189	0.00182	0.31618	1.51726E-08	0.08736	1.35392E-08	0.00182
443339.88	3748550.17	322836.16	0.00326	0.40894	1.96238E-08	0.07589	1.17616E-08	0.00326
443358.36	3748517.61	262897.6011	0.00266	0.33399	1.60272E-08	0.07979	1.23660E-08	0.00266
443360.12	3748489.44	301059.6434	0.00304	0.29734	1.42685E-08	0.08060	1.24915E-08	0.00304
443372.44	3748464.8	357437.2052	0.00361	0.27139	1.30232E-08	0.08275	1.28247E-08	0.00361
443394.44	3748441.04	299324.856	0.00303	0.23966	1.15006E-08	0.08757	1.35717E-08	0.00303
443497.41	3748439.28	123454.0377	0.00125	0.21416	1.02769E-08	0.11012	1.70666E-08	0.00125
443522.05	3748422.56	99710.2793	0.00101	0.19356	9.28839E-09	0.11921	1.84754E-08	0.00101
443541.41	3748404.08	83450.9394	0.00084	0.17629	8.45965E-09	0.12735	1.97369E-08	0.00084
443557.25	3748392.64	70559.23813	0.00071	0.16445	7.89148E-09	0.13455	2.08528E-08	0.00071
443580.13	3748376.8	57926.20855	0.00059	0.15282	7.33339E-09	0.14533	2.25235E-08	0.00059
443602.13	3748365.36	48663.7626	0.00049	0.14348	6.88519E-09	0.15713	2.43523E-08	0.00049
443623.25	3748346	41209.69743	0.00042	0.13391	6.42595E-09	0.17062	2.64430E-08	0.00042
443653.17	3748335.44	35562.58054	0.00036	0.12619	6.05549E-09	0.19182	2.97286E-08	0.00036
443671.65	3748321.36	32249.80233	0.00033	0.11948	5.73350E-09	0.20889	3.23741E-08	0.00033
443508.85	3748368.88	104760.0974	0.00106	0.16704	8.01577E-09	0.11796	1.82816E-08	0.00106
443479.81	3748380.32	159233.6109	0.00161	0.18019	8.64680E-09	0.10869	1.68450E-08	0.00161
443526.45	3748355.68	81714.0061	0.00083	0.15704	7.53590E-09	0.12442	1.92828E-08	0.00083
443548.45	3748339.84	62270.56334	0.00063	0.14651	7.03059E-09	0.13324	2.06498E-08	0.00063
443571.33	3748324	49504.06421	0.00050	0.13798	6.62126E-09	0.14346	2.22337E-08	0.00050
443590.69	3748310.8	41632.25143	0.00042	0.13064	6.26904E-09	0.15342	2.37773E-08	0.00042

443612.69	3748296.72	35227.26525	0.00036	0.12227	5.86738E-09	0.16654	2.58106E-08	0.00036
443636.45	3748282.64	31052.43241	0.00031	0.11520	5.52812E-09	0.18290	2.83461E-08	0.00031
443654.93	3748265.92	28331.39364	0.00029	0.10826	5.19508E-09	0.19783	3.06600E-08	0.00029
443672.53	3748246.56	26692.40286	0.00027	0.10162	4.87645E-09	0.21382	3.31382E-08	0.00027
443689.25	3748231.6	26176.42824	0.00026	0.09609	4.61108E-09	0.23038	3.57047E-08	0.00026
443706.85	3748215.75	26549.62159	0.00027	0.09111	4.37211E-09	0.24940	3.86524E-08	0.00027
443691.02	3748297.6	29074.70002	0.00029	0.11046	5.30066E-09	0.23200	3.59557E-08	0.00029
443707.74	3748282.64	27487.8014	0.00028	0.10320	4.95227E-09	0.25545	3.95901E-08	0.00028
443725.34	3748266.8	26719.56472	0.00027	0.09571	4.59285E-09	0.28327	4.39016E-08	0.00027
443741.18	3748257.12	26829.51475	0.00027	0.09082	4.35819E-09	0.30991	4.80304E-08	0.00027
443759.66	3748243.04	28088.64176	0.00028	0.08760	4.20367E-09	0.35350	5.47860E-08	0.00028
443773.74	3748221.03	30388.66714	0.00031	0.08257	3.96230E-09	0.38497	5.96633E-08	0.00031
443794.86	3748203.43	34907.21817	0.00035	0.07863	3.77323E-09	0.45201	7.00532E-08	0.00035
443813.34	3748185.83	42011.77903	0.00042	0.07565	3.63023E-09	0.52587	8.15002E-08	0.00042
443824.78	3748163.83	53394.73491	0.00054	0.07271	3.48914E-09	0.53998	8.36870E-08	0.00054
443842.38	3748150.63	72653.18653	0.00073	0.07049	3.38261E-09	0.61005	9.45465E-08	0.00073
443794.86	3748123.35	51983.71077	0.00053	0.07120	3.41668E-09	0.33390	5.17484E-08	0.00053
443808.06	3748106.63	65999.68934	0.00067	0.06927	3.32407E-09	0.33863	5.24814E-08	0.00067
443773.74	3748145.35	39739.6891	0.00040	0.07490	3.59423E-09	0.31757	4.92175E-08	0.00040
443762.3	3748169.11	34294.43178	0.00035	0.07859	3.77131E-09	0.31949	4.95151E-08	0.00035
443749.1	3748183.19	31152.1465	0.00031	0.08163	3.91719E-09	0.30388	4.70958E-08	0.00031
443724.46	3748197.27	27977.91779	0.00028	0.08641	4.14657E-09	0.26876	4.16529E-08	0.00028
443669.01	3748506.17	34651.95127	0.00035	0.16757	8.04120E-09	0.17415	2.69901E-08	0.00035
443691.02	3748531.69	30302.73242	0.00031	0.16827	8.07479E-09	0.18149	2.81276E-08	0.00031
443709.5	3748544.89	27849.60101	0.00028	0.16773	8.04888E-09	0.18902	2.92946E-08	0.00028
443731.5	3748574.81	25066.78318	0.00025	0.17863	8.57194E-09	0.19309	2.99254E-08	0.00025
443760.54	3748588.01	22722.39388	0.00023	0.17756	8.52059E-09	0.20656	3.20130E-08	0.00023
443782.54	3748564.25	22128.15229	0.00022	0.15708	7.53782E-09	0.23168	3.59061E-08	0.00022
443807.18	3748539.61	21557.4751	0.00022	0.14048	6.74123E-09	0.26465	4.10159E-08	0.00022
443826.54	3748515.85	21267.23846	0.00021	0.12810	6.14715E-09	0.29966	4.64418E-08	0.00022
443852.94	3748491.21	20764.81459	0.00021	0.11605	5.56890E-09	0.35582	5.51456E-08	0.00021
443863.5	3748470.08	20965.3624	0.00021	0.10896	5.22868E-09	0.39666	6.14750E-08	0.00021
443881.98	3748439.28	21413.06287	0.00022	0.09933	4.76656E-09	0.48378	7.49770E-08	0.00022
443881.1	3748410.24	22647.1124	0.00023	0.09414	4.51751E-09	0.53799	8.33786E-08	0.00023
443899.59	3748423.44	21747.59464	0.00022	0.09391	4.50647E-09	0.57132	8.85441E-08	0.00022
443891.66	3748384.72	23979.53414	0.00024	0.08859	4.25118E-09	0.64670	1.00227E-07	0.00024
443911.07	3748370.97	25288.5036	0.00026	0.08415	4.03812E-09	0.80744	1.25138E-07	0.00026
443929.51	3748345.54	28982.89418	0.00029	0.07917	3.79914E-09	1.12823	1.74855E-07	0.00029
443939.05	3748329.01	32615.46706	0.00033	0.07629	3.66094E-09	1.44649	2.24179E-07	0.00033
443954.95	3748309.93	39804.73799	0.00040	0.07269	3.48818E-09	2.22906	3.45463E-07	0.00040
443975.29	3748291.49	54383.17425	0.00055	0.06867	3.29528E-09	4.62242	7.16390E-07	0.00055
443932.69	3748260.34	49181.8905	0.00050	0.07062	3.38885E-09	3.15105	4.88355E-07	0.00050
443907.9	3748288.95	36072.72133	0.00036	0.07634	3.66334E-09	1.40573	2.17862E-07	0.00036
443892	3748306.75	31362.67639	0.00032	0.07984	3.83129E-09	1.00918	1.56404E-07	0.00032
443878.65	3748325.19	28326.51424	0.00029	0.08332	3.99829E-09	0.78967	1.22384E-07	0.00029
443864.66	3748341.09	26471.44893	0.00027	0.08690	4.17008E-09	0.64723	1.00309E-07	0.00027
443848.13	3748357.62	25293.70991	0.00026	0.09170	4.40042E-09	0.53169	8.24022E-08	0.00026
443829.69	3748376.69	24687.20401	0.00025	0.09708	4.65859E-09	0.44176	6.84647E-08	0.00025
443795.99	3748384.96	25439.41717	0.00026	0.10430	5.00506E-09	0.35558	5.51084E-08	0.00026
443774.37	3748402.76	26248.51465	0.00027	0.11110	5.33137E-09	0.30649	4.75003E-08	0.00027
443747.03	3748423.75	28105.4003	0.00028	0.12136	5.82372E-09	0.25974	4.02549E-08	0.00028
443723.5	3748442.19	29985.08263	0.00030	0.13046	6.26040E-09	0.22950	3.55683E-08	0.00030
443705.7	3748458.72	31305.80655	0.00032	0.13769	6.60735E-09	0.21025	3.25849E-08	0.00032
443678.36	3748482.88	34415.73969	0.00035	0.15520	7.44760E-09	0.18466	2.86189E-08	0.00035
443730.5	3748499.41	27782.89895	0.00028	0.14289	6.85688E-09	0.21665	3.35768E-08	0.00028
443747.03	3748481.61	26892.66657	0.00027	0.13315	6.38948E-09	0.23677	3.66950E-08	0.00027
443773.1	3748465.71	25522.26179	0.00026	0.12426	5.96288E-09	0.26889	4.16730E-08	0.00026
443753.39	3748477.79	26544.93049	0.00027	0.13094	6.28343E-09	0.24395	3.78078E-08	0.00027
443778.19	3748500.05	24326.41386	0.00025	0.13241	6.35397E-09	0.25708	3.98427E-08	0.00025

443792.17	3748480.97	24036.85239	0.00024	0.12460	5.97919E-09	0.28141	4.36134E-08	0.00024
443816.97	3748455.54	23275.9873	0.00024	0.11355	5.44894E-09	0.33145	5.13687E-08	0.00024
443801.08	3748442.82	24343.54133	0.00025	0.11384	5.46285E-09	0.31767	4.92330E-08	0.00025
443815.7	3748424.38	24002.23421	0.00024	0.10744	5.15574E-09	0.35637	5.52308E-08	0.00024
443834.14	3748437.73	22954.04185	0.00023	0.10672	5.12118E-09	0.37697	5.84234E-08	0.00023
443855.06	3748084.13	166463.6744	0.00168	0.06504	3.12108E-09	0.39582	6.13448E-08	0.00168
443836.57	3748062.13	124090.0837	0.00125	0.06437	3.08893E-09	0.30969	4.79963E-08	0.00125
443812.81	3748041	89410.62465	0.00090	0.06350	3.04718E-09	0.24763	3.83781E-08	0.00090
443769.68	3747996.11	52012.09376	0.00053	0.06030	2.89362E-09	0.17551	2.72008E-08	0.00053
443828.65	3748013.72	122709.576	0.00124	0.06054	2.90514E-09	0.22811	3.53529E-08	0.00124
443816.33	3747989.95	95020.51896	0.00096	0.05803	2.78469E-09	0.19407	3.00773E-08	0.00096
443813.69	3747954.75	82222.10061	0.00083	0.05449	2.61482E-09	0.16298	2.52589E-08	0.00083
443764.4	3747961.79	46064.67245	0.00047	0.05701	2.73575E-09	0.15133	2.34534E-08	0.00047
443730.07	3747945.06	32735.37086	0.00033	0.05700	2.73527E-09	0.13340	2.06745E-08	0.00033
443706.31	3747923.06	26784.12956	0.00027	0.05690	2.73047E-09	0.12117	1.87791E-08	0.00027
443688.7	3747902.81	22839.07116	0.00023	0.05633	2.70311E-09	0.11178	1.73238E-08	0.00023
443664.94	3747880.81	18666.59464	0.00019	0.05537	2.65705E-09	0.10128	1.56965E-08	0.00019
443646.45	3747852.64	15773.52305	0.00016	0.05394	2.58842E-09	0.09224	1.42955E-08	0.00016
443619.17	3747824.48	13454.06423	0.00014	0.05294	2.54044E-09	0.08439	1.30789E-08	0.00014
443604.2	3747805.99	12575.07414	0.00013	0.05241	2.51500E-09	0.08084	1.25287E-08	0.00013
443618.29	3747776.95	12052.83553	0.00012	0.05016	2.40703E-09	0.07754	1.20173E-08	0.00012
443639.41	3747752.3	11651.65924	0.00012	0.04796	2.30146E-09	0.07501	1.16252E-08	0.00012
443670.22	3747725.02	11202.80157	0.00011	0.04555	2.18581E-09	0.07289	1.12966E-08	0.00011
443702.78	3747688.05	10381.86392	0.00010	0.04294	2.06057E-09	0.07023	1.08844E-08	0.00010
443684.3	3747671.33	9558.28329	0.00010	0.04259	2.04377E-09	0.06687	1.03636E-08	0.00010
443719.51	3747704.77	11386.11707	0.00012	0.04327	2.07640E-09	0.07393	1.14578E-08	0.00012
443730.07	3747724.14	12699.06424	0.00013	0.04398	2.11047E-09	0.07837	1.21459E-08	0.00013
443752.96	3747739.98	14570.75383	0.00015	0.04419	2.12055E-09	0.08388	1.29999E-08	0.00015
443766.16	3747760.23	17114.82858	0.00017	0.04511	2.16470E-09	0.09024	1.39855E-08	0.00017
443789.04	3747782.23	20995.49939	0.00021	0.04558	2.18725E-09	0.09757	1.51216E-08	0.00021
443802.25	3747798.07	24801.03203	0.00025	0.04615	2.21461E-09	0.10320	1.59941E-08	0.00025
443819.85	3747817.44	32577.52929	0.00033	0.04714	2.26211E-09	0.11165	1.73037E-08	0.00033
443838.33	3747832.4	43416.80621	0.00044	0.04773	2.29042E-09	0.11898	1.84397E-08	0.00044
443855.06	3747848.24	62022.13256	0.00063	0.04829	2.31730E-09	0.12664	1.96269E-08	0.00063
443868.26	3747867.61	97310.486	0.00098	0.04896	2.34945E-09	0.13570	2.10310E-08	0.00098
443885.86	3747890.49	150303.7487	0.00152	0.04954	2.37728E-09	0.14790	2.29218E-08	0.00152
443905.23	3747909.86	194376.1798	0.00196	0.05010	2.40415E-09	0.16193	2.50962E-08	0.00196
443919.31	3747930.1	279907.8821	0.00283	0.05155	2.47374E-09	0.18190	2.81912E-08	0.00283
443942.2	3747945.94	378311.3485	0.00382	0.05380	2.58171E-09	0.20269	3.14132E-08	0.00382
443955.4	3747961.79	406087.1623	0.00410	0.05356	2.57019E-09	0.22159	3.43424E-08	0.00410
443984.44	3747930.1	159830.2049	0.00162	0.05010	2.40415E-09	0.19292	2.98991E-08	0.00162
443991.49	3747911.62	112686.983	0.00114	0.04869	2.33649E-09	0.17754	2.75154E-08	0.00114
443994.13	3747889.61	83653.35039	0.00085	0.04774	2.29090E-09	0.16266	2.52093E-08	0.00085
444004.69	3747868.49	57483.84121	0.00058	0.04543	2.18005E-09	0.14899	2.30907E-08	0.00058
444006.45	3747849.12	46129.6562	0.00047	0.04448	2.13447E-09	0.13843	2.14541E-08	0.00047
444014.37	3747831.52	37672.75877	0.00038	0.04342	2.08360E-09	0.12996	2.01414E-08	0.00038
444017.01	3747807.75	31049.21938	0.00031	0.04266	2.04713E-09	0.12123	1.87884E-08	0.00031
444024.93	3747790.15	26939.9702	0.00027	0.04191	2.01114E-09	0.11546	1.78942E-08	0.00027
444036.38	3747768.15	22900.12125	0.00023	0.04092	1.96363E-09	0.10881	1.68636E-08	0.00023
444047.82	3747747.9	19973.90119	0.00020	0.03998	1.91852E-09	0.10314	1.59848E-08	0.00020
444058.38	3747728.54	17607.65236	0.00018	0.03899	1.87102E-09	0.09770	1.51417E-08	0.00018
444071.58	3747710.05	15660.1331	0.00016	0.03797	1.82207E-09	0.09281	1.43838E-08	0.00016
444086.55	3747695.97	14258.31306	0.00014	0.03707	1.77888E-09	0.08918	1.38213E-08	0.00014
444102.39	3747681.89	13038.59287	0.00013	0.03619	1.73665E-09	0.08578	1.32943E-08	0.00013
444114.71	3747666.92	12093.1002	0.00012	0.03551	1.70402E-09	0.08283	1.28371E-08	0.00012
444132.32	3747655.48	11304.45237	0.00011	0.03480	1.66995E-09	0.08066	1.25008E-08	0.00011
444112.95	3747621.15	10239.91147	0.00010	0.03418	1.64020E-09	0.07414	1.14903E-08	0.00010
443727.52	3747635.23	9212.7801	0.00009	0.04043	1.94012E-09	0.06622	1.02629E-08	0.00009
443741.61	3747647.56	9818.70308	0.00010	0.04062	1.94924E-09	0.06877	1.06581E-08	0.00010

443754.81	3747668.68	10707.13513	0.00011	0.04097	1.96603E-09	0.07195	1.11509E-08	0.00011
443769.77	3747684.53	11552.12024	0.00012	0.04104	1.96939E-09	0.07466	1.15709E-08	0.00012
443780.34	3747695.09	12724.00871	0.00013	0.04163	1.99770E-09	0.07892	1.22312E-08	0.00013
443797.06	3747714.46	14789.0396	0.00015	0.04244	2.03657E-09	0.08491	1.31595E-08	0.00015
443809.38	3747727.66	16592.03286	0.00017	0.04307	2.06680E-09	0.08930	1.38399E-08	0.00017
443823.47	3747745.26	19465.07857	0.00020	0.04403	2.11287E-09	0.09511	1.47403E-08	0.00020
443846.35	3747775.19	25220.41849	0.00025	0.04498	2.15846E-09	0.10385	1.60948E-08	0.00025
443860.44	3747786.63	28466.11042	0.00029	0.04517	2.16758E-09	0.10767	1.66869E-08	0.00029
443868.36	3747769.91	25117.69985	0.00025	0.04426	2.12391E-09	0.10374	1.60778E-08	0.00025
443879.8	3747749.67	21827.18556	0.00022	0.04304	2.06537E-09	0.09904	1.53494E-08	0.00022
443887.72	3747723.26	18226.79939	0.00018	0.04147	1.99003E-09	0.09258	1.43482E-08	0.00018
443892.12	3747702.13	15814.57856	0.00016	0.04014	1.92620E-09	0.08717	1.35097E-08	0.00016
443895.64	3747682.77	13708.7933	0.00014	0.03867	1.85566E-09	0.08123	1.25892E-08	0.00014
443893	3747660.76	12179.49371	0.00012	0.03768	1.80815E-09	0.07649	1.18545E-08	0.00012
443893.88	3747640.52	11189.51388	0.00011	0.03695	1.77312E-09	0.07325	1.13524E-08	0.00011
443897.41	3747621.15	10402.006	0.00011	0.03625	1.73953E-09	0.07046	1.09200E-08	0.00011
443900.05	3747604.43	9800.39143	0.00010	0.03567	1.71170E-09	0.06817	1.05651E-08	0.00010
443899.17	3747585.94	9181.71007	0.00009	0.03510	1.68435E-09	0.06567	1.01776E-08	0.00009
443901.81	3747563.94	8588.25667	0.00009	0.03445	1.65316E-09	0.06316	9.78864E-09	0.00009
443901.81	3747546.33	8168.40527	0.00008	0.03400	1.63156E-09	0.06132	9.50347E-09	0.00008
443904.45	3747526.97	7788.46199	0.00008	0.03353	1.60901E-09	0.05961	9.23846E-09	0.00008
443903.57	3747507.6	7390.91084	0.00007	0.03307	1.58693E-09	0.05768	8.93934E-09	0.00007
443901.81	3747487.36	6983.22356	0.00007	0.03258	1.56342E-09	0.05557	8.61233E-09	0.00007
443905.33	3747466.23	6626.97199	0.00007	0.03202	1.53655E-09	0.05365	8.31476E-09	0.00007
443904.45	3747445.99	6120.68967	0.00006	0.03124	1.49912E-09	0.05037	7.80642E-09	0.00006
443903.57	3747429.26	5811.022	0.00006	0.03078	1.47704E-09	0.04831	7.48716E-09	0.00006
443904.45	3747407.26	5515.46494	0.00006	0.03028	1.45305E-09	0.04643	7.19580E-09	0.00006
443903.57	3747388.77	5279.44853	0.00005	0.02991	1.43529E-09	0.04486	6.95248E-09	0.00005
443900.93	3747365.01	5003.84222	0.00005	0.02949	1.41514E-09	0.04298	6.66111E-09	0.00005
443894.76	3747341.24	4749.5477	0.00005	0.02916	1.39930E-09	0.04118	6.38214E-09	0.00005
443891.24	3747320.99	4553.60669	0.00005	0.02885	1.38443E-09	0.03973	6.15742E-09	0.00005
443886.84	3747302.51	4389.01619	0.00004	0.02860	1.37243E-09	0.03849	5.96524E-09	0.00004
443883.32	3747278.74	4201.79652	0.00004	0.02824	1.35516E-09	0.03704	5.74052E-09	0.00004
443882.44	3747257.62	4054.73892	0.00004	0.02790	1.33884E-09	0.03590	5.56384E-09	0.00004
443875.4	3747240.89	3950.44673	0.00004	0.02774	1.33116E-09	0.03513	5.44450E-09	0.00004
443862.2	3747223.29	3841.46208	0.00004	0.02761	1.32492E-09	0.03431	5.31742E-09	0.00004
443848.99	3747203.92	3726.00899	0.00004	0.02740	1.31485E-09	0.03337	5.17174E-09	0.00004
443875.4	3747192.48	3691.44469	0.00004	0.02697	1.29421E-09	0.03315	5.13764E-09	0.00004
443893.88	3747174	3618.45219	0.00004	0.02648	1.27070E-09	0.03268	5.06480E-09	0.00004
443900.93	3747150.23	3522.33548	0.00004	0.02608	1.25150E-09	0.03203	4.96406E-09	0.00004
443879.8	3747124.7	3395.9185	0.00003	0.02587	1.24143E-09	0.03084	4.77963E-09	0.00003
443859.56	3747118.54	3345.37206	0.00003	0.02586	1.24095E-09	0.03024	4.68664E-09	0.00003
443821.71	3747120.3	3325.08769	0.00003	0.02597	1.24623E-09	0.03010	4.66495E-09	0.00003
444137.71	3747581.54	8863.93896	0.00009	0.03278	1.57302E-09	0.06857	1.06271E-08	0.00009
444132.43	3747563.06	8411.35208	0.00009	0.03232	1.55094E-09	0.06570	1.01823E-08	0.00009
444122.74	3747541.93	8053.79173	0.00008	0.03195	1.53319E-09	0.06322	9.79794E-09	0.00008
444115.7	3747514.64	7620.90724	0.00008	0.03142	1.50776E-09	0.06050	9.37639E-09	0.00008
444104.26	3747490.88	7310.70003	0.00007	0.03101	1.48808E-09	0.05836	9.04473E-09	0.00007
444093.7	3747447.75	6632.85651	0.00007	0.02993	1.43625E-09	0.05408	8.38141E-09	0.00007
444089.29	3747432.78	6407.2025	0.00006	0.02954	1.41754E-09	0.05262	8.15513E-09	0.00006
444084.01	3747410.78	6054.39804	0.00006	0.02889	1.38635E-09	0.05030	7.79558E-09	0.00006
444079.61	3747394.05	5772.41254	0.00006	0.02836	1.36091E-09	0.04835	7.49336E-09	0.00006
444066.41	3747371.17	5404.04469	0.00005	0.02768	1.32828E-09	0.04565	7.07491E-09	0.00005
444065.53	3747356.2	5221.39158	0.00005	0.02731	1.31053E-09	0.04437	6.87654E-09	0.00005
444057.61	3747328.92	4955.68611	0.00005	0.02679	1.28557E-09	0.04263	6.60687E-09	0.00005
444048.8	3747309.55	4794.54548	0.00005	0.02651	1.27214E-09	0.04166	6.45653E-09	0.00005
444041.76	3747289.31	4630.42744	0.00005	0.02623	1.25870E-09	0.04065	6.30000E-09	0.00005
444039.12	3747269.94	4478.50126	0.00005	0.02593	1.24431E-09	0.03965	6.14502E-09	0.00005
444032.08	3747252.34	4341.0305	0.00004	0.02572	1.23423E-09	0.03876	6.00709E-09	0.00004

444026.8	3747232.09	4176.78893	0.00004	0.02544	1.22079E-09	0.03758	5.82421E-09	0.00004
444024.16	3747211.85	4012.56581	0.00004	0.02512	1.20544E-09	0.03629	5.62428E-09	0.00004
444012.71	3747194.24	3867.65919	0.00004	0.02500	1.19968E-09	0.03517	5.45070E-09	0.00004
444009.19	3747178.4	3756.09473	0.00004	0.02482	1.19104E-09	0.03425	5.30812E-09	0.00004
444000.39	3747159.03	3633.44955	0.00004	0.02470	1.18528E-09	0.03329	5.15934E-09	0.00004
443990.71	3747139.67	3535.41485	0.00004	0.02465	1.18288E-09	0.03259	5.05085E-09	0.00004
443987.19	3747122.06	3451.38846	0.00003	0.02451	1.17616E-09	0.03193	4.94856E-09	0.00003
443544.98	3747753.94	9744.2111	0.00010	0.04822	2.31394E-09	0.06878	1.06596E-08	0.00010
443566.91	3747739.32	9833.1734	0.00010	0.04744	2.27651E-09	0.06834	1.05914E-08	0.00010
443582.75	3747705.21	9392.63982	0.00009	0.04544	2.18053E-09	0.06548	1.01482E-08	0.00009
443608.33	3747662.57	8614.57512	0.00009	0.04288	2.05769E-09	0.06179	9.57632E-09	0.00009
443585.18	3747683.28	8917.55213	0.00009	0.04408	2.11527E-09	0.06312	9.78244E-09	0.00009
443664.38	3747610.18	7935.34145	0.00008	0.04028	1.93292E-09	0.05985	9.27565E-09	0.00008
444061.69	3748396.73	25034.93788	0.00025	0.07097	3.40565E-09	3.88647	6.02331E-07	0.00025
443702.16	3748778.14	16718.86256	0.00017	0.40239	1.93095E-08	0.13881	2.15130E-08	0.00017
443720.87	3748761.68	16797.45673	0.00017	0.35706	1.71343E-08	0.14788	2.29187E-08	0.00017
443735.08	3748748.96	16797.47371	0.00017	0.32612	1.56496E-08	0.15558	2.41120E-08	0.00017
443761.27	3748751.2	15582.00951	0.00016	0.30130	1.44585E-08	0.16682	2.58540E-08	0.00016
443781.48	3748750.46	14886.50191	0.00015	0.28286	1.35736E-08	0.17666	2.73791E-08	0.00015
443799.43	3748733.25	14934.82928	0.00015	0.25494	1.22338E-08	0.18992	2.94341E-08	0.00015
443816.64	3748742.23	14081.96783	0.00014	0.25032	1.20121E-08	0.19758	3.06213E-08	0.00014
443859.29	3748707.06	14004.64262	0.00014	0.20408	9.79321E-09	0.23647	3.66485E-08	0.00014
443854.8	3748660.67	15640.92362	0.00016	0.18220	8.74325E-09	0.25000	3.87454E-08	0.00016
443872.01	3748652.43	15310.72786	0.00015	0.17183	8.24563E-09	0.26910	4.17056E-08	0.00015
443881.74	3748635.23	15480.18028	0.00016	0.16081	7.71681E-09	0.28766	4.45820E-08	0.00016
443889.22	3748615.02	15790.67626	0.00016	0.15017	7.20622E-09	0.30804	4.77405E-08	0.00016
443912.42	3748586.59	15754.47757	0.00016	0.13340	6.40148E-09	0.36085	5.59251E-08	0.00016
443949.73	3748543.05	15759.46225	0.00016	0.11218	5.38319E-09	0.48604	7.53273E-08	0.00016
443955.98	3748523.52	16231.9985	0.00016	0.10667	5.11879E-09	0.53682	8.31972E-08	0.00016
443964.58	3748509.45	16504.6578	0.00017	0.10218	4.90332E-09	0.59406	9.20684E-08	0.00017
443975.51	3748496.56	16741.9015	0.00017	0.09781	4.69362E-09	0.66976	1.03800E-07	0.00017
444002.47	3748489.92	16495.34067	0.00017	0.09292	4.45896E-09	0.82760	1.28263E-07	0.00017
443993.02	3748508.17	15905.07216	0.00016	0.09776	4.69122E-09	0.71053	1.10119E-07	0.00016
443984.29	3748521.95	15570.46114	0.00016	0.10171	4.88077E-09	0.63470	9.83668E-08	0.00016
443976.48	3748538.5	15222.17648	0.00015	0.10677	5.12358E-09	0.56832	8.80792E-08	0.00015
443964.53	3748550.9	15149.77709	0.00015	0.11178	5.36400E-09	0.51013	7.90608E-08	0.00015
443950.28	3748565.15	15131.85372	0.00015	0.11814	5.66920E-09	0.45370	7.03152E-08	0.00015
443942.47	3748583.07	14895.1305	0.00015	0.12511	6.00367E-09	0.41504	6.43236E-08	0.00015
444015.08	3748474.62	17043.20701	0.00017	0.08830	4.23726E-09	0.99383	1.54025E-07	0.00017
444023.81	3748461.29	17720.10582	0.00018	0.08480	4.06931E-09	1.16840	1.81081E-07	0.00018
444033	3748446.13	18728.78538	0.00019	0.08113	3.89319E-09	1.43348	2.22163E-07	0.00019
444049.55	3748429.58	20221.07379	0.00020	0.07698	3.69405E-09	2.02609	3.14007E-07	0.00020
444052.31	3748411.2	22533.25549	0.00023	0.07421	3.56112E-09	2.60056	4.03039E-07	0.00023
443186.88	3748634.7	171528.8095	0.00173	0.77011	3.69554E-08	0.05702	8.83705E-09	0.00173
443201.94	3748608.36	172339.0777	0.00174	0.62454	2.99699E-08	0.05881	9.11447E-09	0.00174
443224.52	3748583.89	186672.0488	0.00189	0.51889	2.49000E-08	0.06169	9.56082E-09	0.00189
443237.69	3748551.9	184781.8744	0.00187	0.43187	2.07242E-08	0.06330	9.81034E-09	0.00187
443250.87	3748525.56	187465.0719	0.00189	0.37405	1.79496E-08	0.06501	1.00754E-08	0.00189
443267.8	3748491.68	154691.4328	0.00156	0.30576	1.46725E-08	0.06799	1.05372E-08	0.00156
443290.38	3748454.05	161068.9034	0.00163	0.25741	1.23524E-08	0.07138	1.10626E-08	0.00163
443299.79	3748416.41	136645.9146	0.00138	0.21718	1.04218E-08	0.07328	1.13571E-08	0.00138
443299.79	3748384.42	117787.8829	0.00119	0.19222	9.22408E-09	0.07355	1.13989E-08	0.00119
443301.67	3748352.43	108908.3992	0.00110	0.17355	8.32816E-09	0.07380	1.14376E-08	0.00110
443305.44	3748320.44	97115.60182	0.00098	0.15716	7.54165E-09	0.07418	1.14965E-08	0.00098
443117.28	3748611.37	51416.44108	0.00052	0.56272	2.70033E-08	0.05157	7.99240E-09	0.00052
443090.7	3748626.39	40765.17543	0.00041	0.57125	2.74126E-08	0.04956	7.68089E-09	0.00041
443162.35	3748585.94	78870.4467	0.00080	0.51343	2.46380E-08	0.05560	8.61698E-09	0.00080
443179.69	3748558.2	80645.43148	0.00082	0.43054	2.06604E-08	0.05772	8.94554E-09	0.00082
443190.09	3748530.47	72224.98889	0.00073	0.36357	1.74467E-08	0.05933	9.19506E-09	0.00073

443205.11	3748494.64	68584.86845	0.00069	0.30091	1.44398E-08	0.06130	9.50037E-09	0.00069
443229.38	3748456.5	66194.15423	0.00067	0.24483	1.17487E-08	0.06460	1.00118E-08	0.00067
443231.69	3748413.74	56884.48862	0.00057	0.20609	9.88966E-09	0.06520	1.01048E-08	0.00057
443252.5	3748389.47	64368.67682	0.00065	0.19125	9.17754E-09	0.06764	1.04830E-08	0.00065
443186.62	3748471.53	52393.24671	0.00053	0.26804	1.28625E-08	0.05976	9.26170E-09	0.00053
443141.55	3748525.85	46342.72858	0.00047	0.34822	1.67101E-08	0.05510	8.53949E-09	0.00047
443138.08	3748498.11	39428.56353	0.00040	0.29875	1.43361E-08	0.05527	8.56583E-09	0.00040
443150.79	3748472.68	39445.31241	0.00040	0.26521	1.27267E-08	0.05660	8.77196E-09	0.00040
443169.29	3748447.26	40431.30833	0.00041	0.23489	1.12717E-08	0.05857	9.07727E-09	0.00041
443183.15	3748419.52	40218.46611	0.00041	0.20874	1.00168E-08	0.06011	9.31595E-09	0.00041
443202.8	3748396.41	43068.67136	0.00044	0.19253	9.23896E-09	0.06214	9.63056E-09	0.00044
443224.76	3748373.29	47305.57278	0.00048	0.17909	8.59401E-09	0.06450	9.99632E-09	0.00048
443238.63	3748345.56	47741.54109	0.00048	0.16427	7.88284E-09	0.06603	1.02334E-08	0.00048
443112.66	3748590.56	46357.68682	0.00047	0.48136	2.30991E-08	0.05166	8.00635E-09	0.00047
443080.3	3748597.5	35240.94288	0.00036	0.45841	2.19978E-08	0.04944	7.66229E-09	0.00036
443072.21	3748572.07	31410.64166	0.00032	0.39003	1.87164E-08	0.04936	7.64989E-09	0.00032
443103.41	3748554.74	38589.03972	0.00039	0.38558	1.85029E-08	0.05150	7.98155E-09	0.00039
443093.01	3748532.78	33542.01705	0.00034	0.33683	1.61635E-08	0.05110	7.91956E-09	0.00034
444066.11	3748315.51	77097.33672	0.00078	0.06180	2.96560E-09	13.31721	2.06392E-06	0.00078
444098.47	3748350.18	42485.09657	0.00043	0.06223	2.98624E-09	13.17249	2.04149E-06	0.00043
444078.82	3748294.71	147883.8703	0.00149	0.05912	2.83700E-09	5.97331	9.25753E-07	0.00150
444089.22	3748273.9	258259.3028	0.00261	0.05692	2.73143E-09	3.62666	5.62066E-07	0.00261
444096.16	3748253.1	372374.588	0.00376	0.05520	2.64889E-09	2.55319	3.95698E-07	0.00376
444111.18	3748321.29	72663.13102	0.00073	0.05873	2.81828E-09	5.19188	8.04646E-07	0.00074
444131.98	3748302.79	101312.0067	0.00102	0.05603	2.68872E-09	2.98669	4.62882E-07	0.00102
444135.45	3748284.3	148817.0878	0.00150	0.05437	2.60906E-09	2.33236	3.61473E-07	0.00150
443313.52	3748260.81	54707.73259	0.00055	0.13179	6.32422E-09	0.07455	1.15539E-08	0.00055
443230.72	3748275.87	30688.89619	0.00031	0.13198	6.33334E-09	0.06459	1.00103E-08	0.00031
443260.83	3748238.23	29167.1117	0.00029	0.12101	5.80692E-09	0.06732	1.04334E-08	0.00029
443274	3748215.65	26933.31244	0.00027	0.11482	5.50988E-09	0.06833	1.05899E-08	0.00027
443304.11	3748178.01	22921.32332	0.00023	0.10388	4.98490E-09	0.07110	1.10192E-08	0.00023
443198.73	3748330.44	32138.32594	0.00032	0.15130	7.26045E-09	0.06179	9.57632E-09	0.00032
443155.44	3748373.72	28801.39644	0.00029	0.17341	8.32145E-09	0.05776	8.95174E-09	0.00029
443119.69	3748411.36	25996.49365	0.00026	0.19855	9.52784E-09	0.05468	8.47440E-09	0.00026
443100.87	3748441.47	25928.85699	0.00026	0.22643	1.08657E-08	0.05292	8.20163E-09	0.00026
443093.34	3748477.23	28574.84002	0.00029	0.26622	1.27751E-08	0.05180	8.02805E-09	0.00029
443080.17	3748501.69	28165.67017	0.00028	0.28567	1.37085E-08	0.05057	7.83742E-09	0.00028
443718.12	3747857.82	22972.37737	0.00023	0.05241	2.51500E-09	0.10572	1.63847E-08	0.00023
443737.76	3747882.38	28678.1191	0.00029	0.05295	2.54092E-09	0.11540	1.78849E-08	0.00029
443765.27	3747898.1	37384.32558	0.00038	0.05241	2.51500E-09	0.12455	1.93030E-08	0.00038
443754.47	3747918.73	36662.35209	0.00037	0.05400	2.59130E-09	0.12886	1.99709E-08	0.00037
443696.5	3747826.38	18341.7946	0.00019	0.05150	2.47134E-09	0.09561	1.48178E-08	0.00019
443672.93	3747804.77	15326.84895	0.00015	0.05074	2.43487E-09	0.08777	1.36027E-08	0.00015
443726.96	3747844.07	22751.84257	0.00023	0.05132	2.46270E-09	0.10406	1.61274E-08	0.00023
443710.26	3747771.37	15093.46037	0.00015	0.04735	2.27219E-09	0.08557	1.32618E-08	0.00015
443737.76	3747790.04	17870.68065	0.00018	0.04729	2.26931E-09	0.09216	1.42831E-08	0.00018
443746.61	3747808.7	20600.41023	0.00021	0.04820	2.31298E-09	0.09795	1.51805E-08	0.00021
443762.32	3747821.47	23978.0749	0.00024	0.04847	2.32594E-09	0.10350	1.60406E-08	0.00024
443787.87	3747845.05	32816.98756	0.00033	0.04894	2.34849E-09	0.11364	1.76121E-08	0.00033
443800.64	3747866.66	44518.21116	0.00045	0.04985	2.39216E-09	0.12273	1.90209E-08	0.00045
443806.53	3747929.54	68860.71677	0.00070	0.05291	2.53900E-09	0.14674	2.27420E-08	0.00070
443520.64	3747701.59	8502.87044	0.00009	0.04466	2.14310E-09	0.06226	9.64916E-09	0.00009
443551.64	3747661.73	8210.25471	0.00008	0.04268	2.04809E-09	0.05987	9.27875E-09	0.00008
443591.49	3747635.16	7886.71407	0.00008	0.04132	1.98283E-09	0.05832	9.03853E-09	0.00008
443836.47	3747717.7	17382.54532	0.00018	0.04296	2.06153E-09	0.09096	1.40971E-08	0.00018
443840.73	3747688.6	14953.63647	0.00015	0.04154	1.99338E-09	0.08539	1.32339E-08	0.00015
443841.44	3747663.76	12868.86935	0.00013	0.03993	1.91613E-09	0.07974	1.23582E-08	0.00013
443804.53	3747670.15	13292.68571	0.00013	0.04188	2.00970E-09	0.08104	1.25597E-08	0.00013
443787.49	3747657.37	11431.23089	0.00012	0.04055	1.94588E-09	0.07530	1.16701E-08	0.00012

443777.55	3747633.95	9949.06218	0.00010	0.03942	1.89165E-09	0.06965	1.07945E-08	0.00010
443744.9	3747619.04	9028.02386	0.00009	0.03957	1.89885E-09	0.06573	1.01869E-08	0.00009
443761.94	3747606.26	8901.66614	0.00009	0.03884	1.86382E-09	0.06542	1.01389E-08	0.00009
443844.28	3747623.3	10195.06739	0.00010	0.03741	1.79520E-09	0.07025	1.08875E-08	0.00010
443847.12	3747599.88	9321.69751	0.00009	0.03651	1.75201E-09	0.06670	1.03373E-08	0.00009
443852.79	3747578.58	8691.23966	0.00009	0.03572	1.71410E-09	0.06393	9.90798E-09	0.00009
443849.96	3747558	8079.02001	0.00008	0.03513	1.68579E-09	0.06111	9.47093E-09	0.00008
443849.96	3747537.41	7630.16268	0.00008	0.03463	1.66179E-09	0.05904	9.15012E-09	0.00008
443854.92	3747518.25	7245.11844	0.00007	0.03402	1.63252E-09	0.05705	8.84170E-09	0.00007
443847.12	3747495.53	6711.98699	0.00007	0.03352	1.60853E-09	0.05415	8.39226E-09	0.00007
443853.5	3747478.5	6439.34154	0.00007	0.03297	1.58214E-09	0.05253	8.14119E-09	0.00007
443850.67	3747457.2	6074.53683	0.00006	0.03250	1.55958E-09	0.05038	7.80797E-09	0.00006
443854.21	3747438.75	5798.90173	0.00006	0.03197	1.53415E-09	0.04858	7.52901E-09	0.00006
443849.96	3747397.58	5245.5341	0.00005	0.03112	1.49336E-09	0.04492	6.96177E-09	0.00005
443854.21	3747418.16	5502.28298	0.00006	0.03148	1.51063E-09	0.04659	7.22059E-09	0.00006
443853.5	3747378.41	5052.86522	0.00005	0.03068	1.47224E-09	0.04361	6.75875E-09	0.00005
443843.57	3747336.54	4623.45991	0.00005	0.02998	1.43865E-09	0.04054	6.28296E-09	0.00005
443836.47	3747315.24	4434.34179	0.00004	0.02965	1.42282E-09	0.03914	6.06598E-09	0.00004
443829.37	3747296.08	4275.02875	0.00004	0.02934	1.40794E-09	0.03790	5.87380E-09	0.00004
443827.95	3747274.07	4119.9709	0.00004	0.02891	1.38731E-09	0.03666	5.68163E-09	0.00004
443816.59	3747254.2	3987.28665	0.00004	0.02860	1.37243E-09	0.03565	5.52510E-09	0.00004
443805.95	3747236.45	3876.80615	0.00004	0.02829	1.35756E-09	0.03480	5.39336E-09	0.00004
443803.11	3747219.42	3779.98104	0.00004	0.02794	1.34076E-09	0.03400	5.26938E-09	0.00004
443838.6	3747186.06	3628.54305	0.00004	0.02714	1.30237E-09	0.03259	5.05085E-09	0.00004
443838.6	3747171.15	3558.9377	0.00004	0.02687	1.28941E-09	0.03202	4.96251E-09	0.00004
443970.69	3747984.97	443245.5715	0.00448	0.05277	2.53228E-09	0.25298	3.92073E-08	0.00448
443980.63	3747995.62	435959.5198	0.00441	0.05218	2.50397E-09	0.26898	4.16870E-08	0.00441
443994.83	3748014.08	456998.0301	0.00462	0.05168	2.47997E-09	0.30201	4.68060E-08	0.00462
444006.19	3748026.85	452078.6125	0.00457	0.05114	2.45406E-09	0.32731	5.07270E-08	0.00457
444016.83	3748040.34	463534.9639	0.00469	0.05083	2.43918E-09	0.35840	5.55454E-08	0.00469
444040.26	3748051.7	383144.7838	0.00387	0.04980	2.38976E-09	0.38248	5.92774E-08	0.00387
444048.78	3748065.9	400640.916	0.00405	0.04960	2.38016E-09	0.41910	6.49528E-08	0.00405
444060.13	3748085.77	436929.2318	0.00442	0.04957	2.37872E-09	0.48256	7.47879E-08	0.00442
444079.3	3748100.68	410805.7413	0.00415	0.04913	2.35761E-09	0.52795	8.18226E-08	0.00415
444088.53	3748117	445312.5479	0.00450	0.04936	2.36864E-09	0.59807	9.26899E-08	0.00450
444101.3	3748132.62	454484.3262	0.00459	0.04938	2.36960E-09	0.66449	1.02984E-07	0.00459
444114.79	3748147.53	464504.4912	0.00470	0.04913	2.35761E-09	0.72242	1.11962E-07	0.00470
444129.7	3748161.72	461930.1687	0.00467	0.04886	2.34465E-09	0.76895	1.19173E-07	0.00467
444141.76	3748177.34	467653.0335	0.00473	0.04868	2.33601E-09	0.82870	1.28433E-07	0.00473
444158.09	3748180.89	364879.3082	0.00369	0.04781	2.29426E-09	0.78316	1.21375E-07	0.00369
444169.45	3748204.31	333020.6471	0.00337	0.04778	2.29282E-09	0.87399	1.35452E-07	0.00337
444190.03	3748217.09	209873.0778	0.00212	0.04693	2.25204E-09	0.84355	1.30735E-07	0.00212
444192.83	3748193.06	189809.7335	0.00192	0.04567	2.19157E-09	0.69896	1.08326E-07	0.00192
444195.33	3748122.7	122461.2094	0.00124	0.04337	2.08120E-09	0.43331	6.71551E-08	0.00124
444008.68	3747956.49	161955.233	0.00164	0.04857	2.33073E-09	0.21731	3.36791E-08	0.00164
444019.33	3747969.98	169952.7063	0.00172	0.04825	2.31538E-09	0.23232	3.60053E-08	0.00172
444042.75	3747981.34	149581.9287	0.00151	0.04686	2.24868E-09	0.24335	3.77148E-08	0.00151
444051.27	3747995.53	164517.1463	0.00166	0.04703	2.25683E-09	0.26298	4.07571E-08	0.00166
444062.63	3748015.41	186533.7433	0.00189	0.04727	2.26835E-09	0.29327	4.54515E-08	0.00189
444081.79	3748030.32	183145.626	0.00185	0.04684	2.24772E-09	0.31578	4.89401E-08	0.00185
444091.02	3748046.64	197435.4008	0.00200	0.04697	2.25395E-09	0.34675	5.37399E-08	0.00200
444103.8	3748062.26	204901.3412	0.00207	0.04704	2.25731E-09	0.37750	5.85056E-08	0.00207
444117.29	3748077.17	204353.4218	0.00207	0.04683	2.24724E-09	0.40635	6.29768E-08	0.00207
444132.19	3748091.36	197610.6968	0.00200	0.04649	2.23092E-09	0.43303	6.71117E-08	0.00200
444144.26	3748106.98	199464.2606	0.00202	0.04627	2.22036E-09	0.46772	7.24880E-08	0.00202
444160.59	3748110.53	172356.2447	0.00174	0.04551	2.18389E-09	0.45658	7.07615E-08	0.00174
444171.94	3748133.95	179465.8558	0.00181	0.04535	2.17622E-09	0.51447	7.97334E-08	0.00181
444192.53	3748146.73	145782.1474	0.00147	0.04414	2.11815E-09	0.50878	7.88516E-08	0.00147
444143.39	3748498.9	14064.25973	0.00014	0.07957	3.81833E-09	3.59739	5.57529E-07	0.00014

444154.04	3748512.39	13269.77299	0.00013	0.08069	3.87208E-09	3.53278	5.47516E-07	0.00013
444177.46	3748523.75	12543.72436	0.00013	0.08057	3.86632E-09	4.67236	7.24130E-07	0.00013
444185.98	3748537.95	11964.66176	0.00012	0.08212	3.94070E-09	4.27215	6.62105E-07	0.00012
444197.34	3748557.82	11196.61946	0.00011	0.08404	4.03284E-09	3.80541	5.89769E-07	0.00011
444216.5	3748572.73	10579.55868	0.00011	0.08440	4.05011E-09	4.34425	6.73279E-07	0.00011
444225.73	3748589.06	10109.31911	0.00010	0.08591	4.12257E-09	3.93159	6.09324E-07	0.00010
444238.51	3748604.67	9637.48323	0.00010	0.08684	4.16720E-09	3.89647	6.03881E-07	0.00010
444251.99	3748619.58	9213.10953	0.00009	0.08745	4.19647E-09	3.98962	6.18318E-07	0.00009
444266.9	3748633.77	8820.56266	0.00009	0.08767	4.20703E-09	4.33359	6.71627E-07	0.00009
444278.97	3748649.39	8452.79939	0.00009	0.08826	4.23534E-09	4.53506	7.02851E-07	0.00009
444295.29	3748652.94	8269.10354	0.00008	0.08682	4.16624E-09	6.70602	1.03931E-06	0.00008
444306.65	3748676.37	7824.40509	0.00008	0.08825	4.23486E-09	7.06207	1.09449E-06	0.00008
444237.65	3748593.44	9896.57302	0.00010	0.08536	4.09618E-09	4.67629	7.24739E-07	0.00010
444061.66	3748440.72	19043.03188	0.00019	0.07739	3.71372E-09	2.12104	3.28722E-07	0.00019
444085.08	3748452.08	17859.49422	0.00018	0.07700	3.69501E-09	2.61362	4.05063E-07	0.00018
444093.6	3748466.28	16702.6772	0.00017	0.07877	3.77994E-09	2.47303	3.83274E-07	0.00017
444104.96	3748486.15	15303.62785	0.00015	0.08098	3.88600E-09	2.28677	3.54407E-07	0.00016
444124.12	3748501.06	14298.57712	0.00014	0.08185	3.92775E-09	2.50646	3.88455E-07	0.00014
444133.35	3748517.39	13441.51732	0.00014	0.08374	4.01844E-09	2.34057	3.62745E-07	0.00014
444146.13	3748533	12636.63554	0.00013	0.08491	4.07459E-09	2.32822	3.60831E-07	0.00013
444159.61	3748547.91	11944.92757	0.00012	0.08601	4.12737E-09	2.35306	3.64681E-07	0.00012
444174.52	3748562.11	11355.11707	0.00011	0.08692	4.17104E-09	2.44698	3.79237E-07	0.00012
444186.59	3748577.72	10779.70113	0.00011	0.08808	4.22670E-09	2.40886	3.73329E-07	0.00011
444202.91	3748581.27	10519.94284	0.00011	0.08702	4.17584E-09	2.94075	4.55762E-07	0.00011
444214.27	3748604.7	9873.78999	0.00010	0.08947	4.29341E-09	2.58940	4.01309E-07	0.00010
444234.86	3748617.47	9409.03222	0.00010	0.08904	4.27277E-09	3.02635	4.69029E-07	0.00010
443957.64	3748095.6	447796.8666	0.00453	0.05735	2.75206E-09	0.62724	9.72107E-08	0.00453
443122.97	3748822.03	31821.51316	0.00032	3.07772	1.47691E-07	0.04820	7.47011E-09	0.00032
443097.97	3748847.03	19845.02893	0.00020	2.03888	9.78400E-08	0.04614	7.15085E-09	0.00020
443122.97	3748847.03	22942.3282	0.00023	2.91254	1.39764E-07	0.04765	7.38487E-09	0.00023
443072.97	3748872.03	13941.27292	0.00014	1.47241	7.06567E-08	0.04410	6.83469E-09	0.00014
443097.97	3748872.03	15448.73382	0.00016	1.94092	9.31391E-08	0.04546	7.04547E-09	0.00016
443122.97	3748872.03	17112.01169	0.00017	2.66364	1.27820E-07	0.04696	7.27794E-09	0.00017
443047.97	3748897.03	10616.15941	0.00011	1.12245	5.38631E-08	0.04226	6.54952E-09	0.00011
443072.97	3748897.03	11496.68447	0.00012	1.41525	6.79138E-08	0.04351	6.74325E-09	0.00012
443097.97	3748897.03	12407.03428	0.00013	1.83044	8.78375E-08	0.04486	6.95248E-09	0.00013
443122.97	3748897.03	13328.18269	0.00013	2.43439	1.16819E-07	0.04626	7.16945E-09	0.00013
443028.81	3748928.79	8304.74403	0.00008	0.91377	4.38492E-08	0.04062	6.29535E-09	0.00008
443047.97	3748922.03	9037.83416	0.00009	1.07634	5.16504E-08	0.04161	6.44879E-09	0.00009
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443097.97	3748922.03	10181.71728	0.00010	1.71181	8.21448E-08	0.04418	6.84709E-09	0.00010
443122.97	3748922.03	10733.21282	0.00011	2.22825	1.06927E-07	0.04549	7.05011E-09	0.00011
443147.97	3748922.03	11303.31316	0.00011	2.98399	1.43193E-07	0.04684	7.25934E-09	0.00011
443172.97	3748922.03	11902.87209	0.00012	4.15631	1.99449E-07	0.04826	7.47941E-09	0.00012
443003.5	3748951.02	6999.30263	0.00007	0.73194	3.51237E-08	0.03903	6.04893E-09	0.00007
443022.97	3748947.03	7428.85431	0.00008	0.84690	4.06403E-08	0.03994	6.18997E-09	0.00008
443047.97	3748947.03	7791.44857	0.00008	1.02401	4.91393E-08	0.04100	6.35425E-09	0.00008
443072.97	3748947.03	8179.36412	0.00008	1.26780	6.08381E-08	0.04224	6.54642E-09	0.00008
443097.97	3748947.03	8538.7009	0.00009	1.59265	7.64267E-08	0.04347	6.73705E-09	0.00009
443122.97	3748947.03	8905.25752	0.00009	2.04499	9.81332E-08	0.04474	6.93388E-09	0.00009
443147.97	3748947.03	9312.01215	0.00009	2.70952	1.30022E-07	0.04609	7.14310E-09	0.00009
443172.97	3748947.03	9764.14055	0.00010	3.75397	1.80142E-07	0.04755	7.36938E-09	0.00010
442977.27	3748975.72	5965.4273	0.00006	0.59070	2.83460E-08	0.03746	5.80561E-09	0.00006
442997.97	3748972.03	6275.66942	0.00006	0.67775	3.25233E-08	0.03831	5.93735E-09	0.00006
443022.97	3748972.03	6540.08339	0.00007	0.80392	3.85778E-08	0.03933	6.09543E-09	0.00007
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443147.97	3748972.03	7900.38666	0.00008	2.49868	1.19904E-07	0.04548	7.04856E-09	0.00008
443172.97	3748972.03	8250.79428	0.00008	3.45978	1.66025E-07	0.04698	7.28104E-09	0.00008
442947.97	3748997.03	5235.88308	0.00005	0.47899	2.29853E-08	0.03598	5.57624E-09	0.00005
442972.97	3748997.03	5432.24546	0.00005	0.55206	2.64918E-08	0.03685	5.71107E-09	0.00005
442997.97	3748997.03	5627.03921	0.00006	0.64332	3.08711E-08	0.03778	5.85521E-09	0.00006
443022.97	3748997.03	5813.49091	0.00006	0.75818	3.63829E-08	0.03876	6.00709E-09	0.00006
443047.97	3748997.03	6000.29007	0.00006	0.90798	4.35713E-08	0.03983	6.17292E-09	0.00006
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443122.97	3748997.03	6598.55793	0.00007	1.75328	8.41348E-08	0.04356	6.75100E-09	0.00007
443147.97	3748997.03	6848.17243	0.00007	2.31106	1.10901E-07	0.04500	6.97417E-09	0.00007
442922.97	3749022.03	4643.37321	0.00005	0.40111	1.92481E-08	0.03472	5.38096E-09	0.00005
442947.97	3749022.03	4795.19321	0.00005	0.45640	2.19013E-08	0.03553	5.50650E-09	0.00005
442972.97	3749022.03	4948.45168	0.00005	0.52474	2.51808E-08	0.03642	5.64443E-09	0.00005
442997.97	3749022.03	5094.99931	0.00005	0.60926	2.92366E-08	0.03735	5.78856E-09	0.00005
443022.97	3749022.03	5228.13163	0.00005	0.71387	3.42566E-08	0.03831	5.93735E-09	0.00005
443047.97	3749022.03	5362.38841	0.00005	0.84936	4.07583E-08	0.03935	6.09853E-09	0.00005
443072.97	3749022.03	5494.69453	0.00006	1.02551	4.92113E-08	0.04045	6.26901E-09	0.00006
443102.27	3749028.48	5516.94011	0.00006	1.29249	6.20229E-08	0.04185	6.48598E-09	0.00006
443118.05	3749011.89	6078.29243	0.00006	1.58901	7.62520E-08	0.04300	6.66421E-09	0.00006
442918.36	3749057.17	4141.24005	0.00004	0.36463	1.74975E-08	0.03398	5.26628E-09	0.00004
442947.05	3749054.1	4304.57211	0.00004	0.42266	2.02822E-08	0.03494	5.41506E-09	0.00004
442972.97	3749047.03	4524.07468	0.00005	0.49399	2.37052E-08	0.03596	5.57314E-09	0.00005
442997.97	3749047.03	4631.94736	0.00005	0.57020	2.73623E-08	0.03688	5.71572E-09	0.00005
443018.97	3749057.17	4533.97472	0.00005	0.62670	3.00735E-08	0.03743	5.80096E-09	0.00005
443043.67	3749053.18	4700.26712	0.00005	0.74727	3.58593E-08	0.03856	5.97609E-09	0.00005
443072.97	3749047.03	4938.61977	0.00005	0.94391	4.52955E-08	0.03998	6.19617E-09	0.00005
442904.73	3749080.33	3822.76354	0.00004	0.32524	1.56073E-08	0.03320	5.14539E-09	0.00004
442925.74	3749077.56	3930.65804	0.00004	0.36053	1.73008E-08	0.03391	5.25543E-09	0.00004
442947.97	3749072.03	4073.29039	0.00004	0.40652	1.95077E-08	0.03469	5.37631E-09	0.00004
442972.66	3749064.96	4255.21989	0.00004	0.47039	2.25727E-08	0.03564	5.52355E-09	0.00004
443457.06	3748487.91	136875.9742	0.00138	0.26536	1.27339E-08	0.09707	1.50441E-08	0.00138

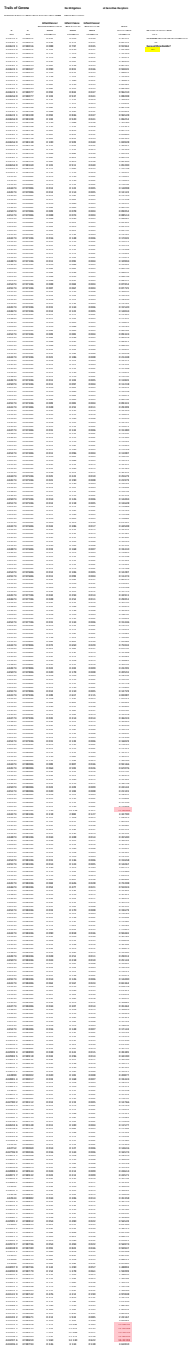
Trails of Corona

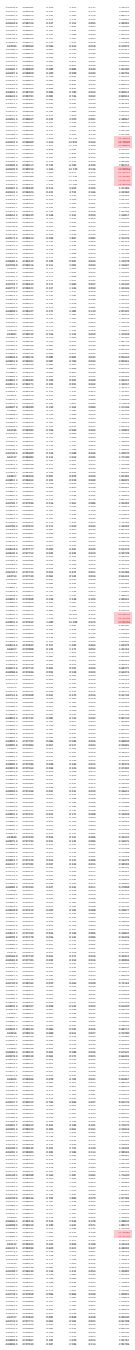
Cancer Risk Impacts from Construction at the Maximum Impacted Sensitive Receptor - Infant

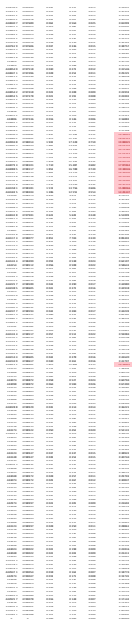
Cancer Potency Factor:	1.1	$(mg/kg\text{-}day)^{-1}$
Exposure Frequency	350	days/year
Averaging Period	25550	days

Year	Unit DPM Concentration (ug/m3)	Age Sensitivty Factor	Daily Breathing Rate (L/kg-day)	Time At Home Factor	Exposure Duration (years)	Unit Risk Factor $(ug/m3)^{-1}$
3rd Trimester	1	10	361	1	0.25	13.6
1	1	10	1090	1	0.75	123.2
2	1	10	1090	1	1	164.2

Air Toxics NSR Program Health Risk Assessment (HRA) Guidelines







Trails of Corona

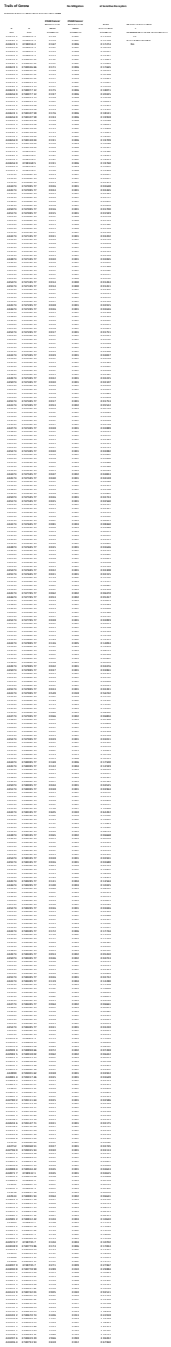
No Mitigation

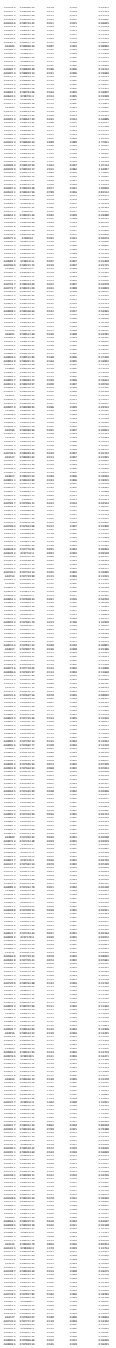
Cancer Risk Impacts from Construction at the Maximum Impacted Sensitive Receptor - Child
UTM: (565046,4185977)

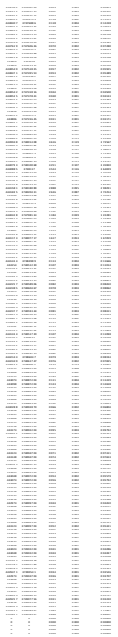
Cancer Potency Factor:	1.1	$(mg/kg\text{-}day)^{-1}$
Exposure Frequency	350	days/year
Averaging Period	25550	days

Year	DPM Concentration (ug/m3)	Age Sensitivty Factor	Daily Breathing Rate (L/kg-day)	Time At Home Factor	Exposure Duration (years)	Unit Risk Factor $(ug/m3)^{-1}$
1	1	3	572	1	1	25.9
2	1	3	572	1	1	25.9

Air Toxics NSR Program Health Risk Assessment (HRA) Guidelines







Trails of Corona

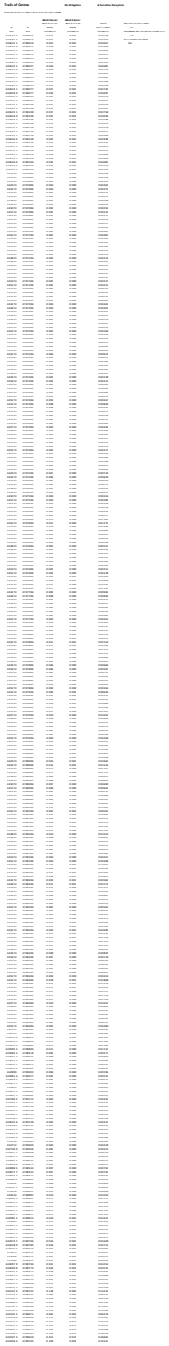
No Mitigation

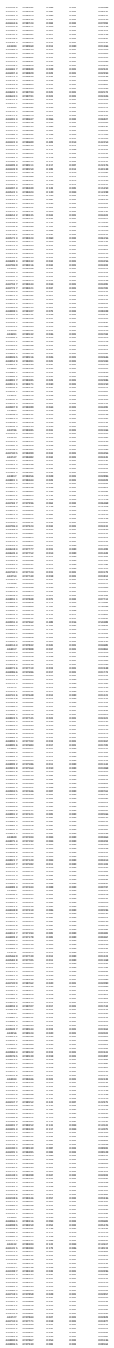
Cancer Risk Impacts from Construction at the Maximum Impacted Sensitive Receptor - Adult

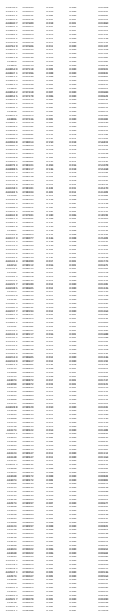
Cancer Potency Factor:	1.1	$(mg/kg\text{-}day)^{-1}$
Exposure Frequency	350	days/year
Averaging Period	25550	days

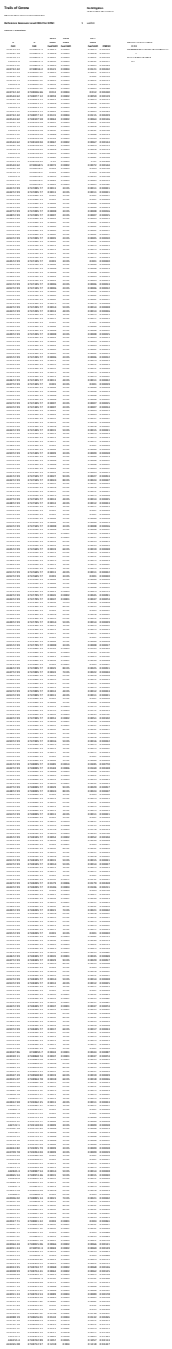
Year	DPM Concentration (ug/m3)	Age Sensitivty Factor	Daily Breathing Rate (L/kg-day)	Time At Home Factor	Exposure Duration (years)	Unit Risk Factor $(ug/m3)^{-1}$
1	1	1	261	1	1	3.9
2	1	1	261	1	1	3.9

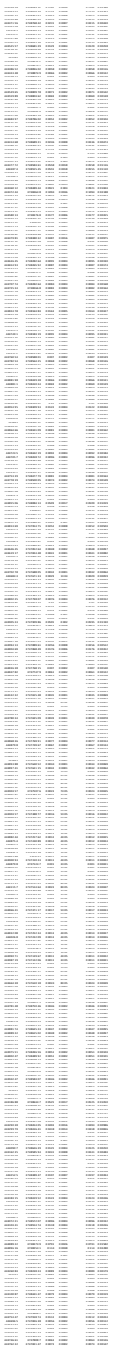
Air Toxics NSR Program Health Risk Assessment (HRA) Guidelines

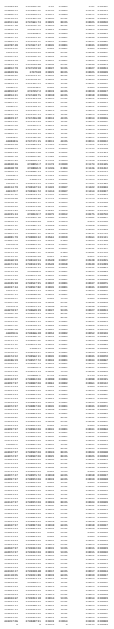












Trails of Corona Phase II **tier IV**

Construction Annual DPM Emissions (as PM10 Exhaust)

Construction Scheduling	**2022**	
	8 hours/day	
	5 days/week	
	52 weeks/year	start from 1/2/2022
	2080 hours/year	

Onsite Construction Area Source Size (m2): 69702.6 from AERMOD

Onsite Construction PM10 Emissions

2022		**Onsite**	**Onsite**	**Onsite DPM**
	Construction Activity	**Annual DPM**	**Annual DPM**	**Source Exhaust**
		Exhaust Emissions	**Exhaust Emissions**	**Emissions**
		(tons/year)	**(g/sec)**	**(g/m2-sec)**
	Demolistion	0.000E+00	0.000E+00	0.000E+00
	Site Preparation	3.100E-04	3.759E-05	5.393E-10
	Grading	4.800E-04	5.821E-05	8.350E-10
	Building Construction	4.690E-03	5.687E-04	8.159E-09
	Total	**5.480E-03**	**6.645E-04**	**9.533E-09**

Offsite Construction Vehicle PM10 Emissions

2022		**Offsite Hauling**	**Offsite Vendor**	**Offsite Workers**	
		Annual DPM	**Annual DPM**	**Annual DPM**	
	Construction Activity	**Exhaust Emissions**	**Exhaust Emissions**	**Exhaust Emissions**	
		(tons/year)	**(tons/year)**	**(tons/year)**	
	Demolistion	0.000E+00	0.000E+00	1.000E-05	
	Site Preparation	0.000E+00	0.000E+00	1.000E-05	
	Grading	0.000E+00	0.000E+00	1.000E-05	
	Building Construction	0.000E+00	4.100E-04	7.100E-04	
	Total (tons/year)	**0.000E+00**	**4.100E-04**	**7.400E-04**	**1.150E-03**
	Trip Distance assumed in CalEEMod (mi)	20.0	7.3	10.8	
	Offsite Project Trip Distance Along Roadway Segment Project>Serfa Club (mi)	0.21	0.21	0.21	
	Offsite Project Trip Distance Along Roadway Segment Project>PA 5 (mi)	0.69	0.69	0.69	
	Offsite Project Emissions Along Roadway Segment Project>PA 4 (tons/year)	**0.000E+00**	**1.200E-05**	**1.464E-05**	
	Offsite Project Emissions Along Roadway Segment Project>PA 5(tons/year)	**0.000E+00**	**3.876E-05**	**4.729E-05**	

Offsite Emissions Along Roadway Segment Analyzed	
Total Offsite Project Exhaust Emissions (tons/year)	**2.664E-05**
Total Offsite Project Exhaust Emissions (grams/sec)	**3.231E-06**
Total Offsite Project Exhaust Emissions (tons/year)	**8.605E-05**
Total Offsite Project Exhaust Emissions (grams/sec)	**1.043E-05**

Onsite Exhaust Emissions (tons/year)	**5.480E-03**
Total Onsite Emissions (tons/year)	**5.480E-03**
Onsite Exhaust Emissions (g/m2-sec)	**9.533E-09**

Total PM@10 Exhaust (tons/year)	5.507E-03

	Site size	**Emission Rate**
Onsite area source 1	34708	
Onsite area source 2	34994.6	
Total	69702.6	

Trails of Corona **tier IV**

Construction Annual DPM Emissions (as PM10 Exhaust)

Construction Scheduling	**2023**	
	8	hours/day
	5	days/week
	52	weeks/year
	2080	hours/year

Onsite Construction Area Source Size (m2): 69702.60

Onsite Construction PM10 Emissions

2023		**Onsite**	**Onsite**	**Onsite DPM**
	Construction Activity	**Annual DPM Exhaust Emissions (tons/year)**	**Annual DPM Exhaust Emissions (g/sec)**	**Source Exhaust Emissions (g/m2-sec)**
	Paving	3.700E-04	4.487E-05	6.437E-10
	Architectural Coating	4.000E-05	4.850E-06	6.959E-11
	Total	**4.100E-04**	**4.972E-05**	**7.133E-10**

Offsite Construction Vehicle PM10 Emissions

2023		**Offsite Hauling**	**Offsite Vendor**	**Offsite Workers**	
	Construction Activity	**Annual DPM Exhaust Emissions (tons/year)**	**Annual DPM Exhaust Emissions (tons/year)**	**Annual DPM Exhaust Emissions (tons/year)**	
	Paving	0.000E+00	0.000E+00	1.000E-05	
	Architectural Coating	0.000E+00	0.000E+00	1.000E-05	
	Total (tons/year)	**0.000E+00**	**0.000E+00**	**2.000E-05**	**2.000E-05**
	Trip Distance assumed in CalEEMod (mi)	20.0	7.3	10.8	
	Offsite Project Trip Distance Project> PA 4 (mi)	0.21	0.21	0.21	
	Offsite Project Trip Distance Along Roadway Segment Project>PA 5 (mi)	0.69	0.69	0.69	
	Offsite Project Emissions Project>PA 4 (tons/year)	**0.000E+00**	**0.000E+00**	**3.957E-07**	
	Offsite Project Emissions Along Roadway Segment Project>PA 5(tons/year)	**0.000E+00**	**0.000E+00**	**1.278E-06**	

Emissions Along Roadway Segment	
Offsite Project Exhaust Emissions (tons/year)	**3.957E-07**
Offsite Project Exhaust Emissions (grams/sec)	**4.799E-08**
Total Offsite Project Exhaust Emissions (tons/year)	**1.278E-06**
Total Offsite Project Exhaust Emissions (grams/sec)	**1.550E-07**

Onsite Exhaust Emissions (tons/year)	**4.100E-04**
Total Onsite Emissions (tons/year)	**4.100E-04**
Onsite Exhaust Emissions (g/m2-sec)	**7.133E-10**

Total PM@10 Exhaust (tons/year)	4.104E-04
Total PM10 (tons/year)	**4.104E-04**

Trails of Corona

2022 | No Mitigation | At Sensitive Receptors | tier IV | At Sensitive Receptors

Construction Annual DPM Emissions (as PM10 Exhaust)

X (m)	Y (m)	Onsite Annual DPM Exhaust w/Unit Emissions (ug/m3)	Onsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Unit Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Unit Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Total DPM (ug/m3)
443543.62	3748016.2	17510.18662	0.00017	0.07477	2.41575E-07	0.10001	1.04358E-06	0.00017
443581.38	3748016.2	18891.22998	0.00018	0.07287	2.35437E-07	0.10901	1.13749E-06	0.00018
443619.14	3748016.2	21124.16381	0.00020	0.07096	2.29266E-07	0.12022	1.25446E-06	0.00020
443656.9	3748016.2	24666.23177	0.00024	0.06920	2.23579E-07	0.13414	1.39971E-06	0.00024
443694.66	3748016.2	30612.28351	0.00029	0.06805	2.19864E-07	0.15153	1.58117E-06	0.00029
443732.42	3748016.2	39493.10646	0.00038	0.06551	2.11657E-07	0.17028	1.77682E-06	0.00038
443543.62	3748046.66	18335.96318	0.00017	0.07866	2.54144E-07	0.10441	1.08949E-06	0.00018
443581.38	3748046.66	19568.23325	0.00019	0.07661	2.47520E-07	0.11451	1.19488E-06	0.00019
443619.14	3748046.66	21602.32082	0.00021	0.07449	2.40671E-07	0.12690	1.32417E-06	0.00021
443656.9	3748046.66	25001.67069	0.00024	0.07289	2.35501E-07	0.14306	1.49279E-06	0.00024
443694.66	3748046.66	30828.28832	0.00029	0.07199	2.32593E-07	0.16326	1.70357E-06	0.00030
443732.42	3748046.66	39251.31909	0.00037	0.06933	2.23999E-07	0.18722	1.95359E-06	0.00038
443543.62	3748077.12	19359.92181	0.00018	0.08341	2.69490E-07	0.10914	1.13885E-06	0.00019
443581.38	3748077.12	20323.57533	0.00019	0.08112	2.62092E-07	0.12058	1.25822E-06	0.00020
443619.14	3748077.12	22099.23475	0.00021	0.07893	2.55016E-07	0.13474	1.40597E-06	0.00021
443656.9	3748077.12	24855.32729	0.00024	0.07628	2.46454E-07	0.15221	1.58827E-06	0.00024
443694.66	3748077.12	30020.99205	0.00029	0.07513	2.42739E-07	0.17570	1.83338E-06	0.00029
443732.42	3748077.12	37414.90992	0.00036	0.07229	2.33563E-07	0.20447	2.13359E-06	0.00036
443543.62	3748107.58	20500.38901	0.00020	0.08886	2.87099E-07	0.11405	1.19008E-06	0.00020
443581.38	3748107.58	21102.00207	0.00020	0.08600	2.77859E-07	0.12681	1.32323E-06	0.00020
443619.14	3748107.58	22171.73031	0.00021	0.08232	2.65969E-07	0.14211	1.48288E-06	0.00021
443656.9	3748107.58	24405.48711	0.00023	0.07943	2.56631E-07	0.16177	1.68803E-06	0.00023
443694.66	3748107.58	28845.0434	0.00027	0.07834	2.53110E-07	0.18928	1.97508E-06	0.00028
443732.42	3748107.58	35087.54319	0.00033	0.07534	2.43417E-07	0.22388	2.33613E-06	0.00034
443543.62	3748138.04	21852.56819	0.00021	0.09424	3.04481E-07	0.11882	1.23985E-06	0.00021
443581.38	3748138.04	21795.87047	0.00021	0.09014	2.91235E-07	0.13263	1.38396E-06	0.00021
443619.14	3748138.04	22347.22483	0.00021	0.08599	2.77826E-07	0.14963	1.56135E-06	0.00021
443656.9	3748138.04	24100.35889	0.00023	0.08313	2.68586E-07	0.17202	1.79498E-06	0.00023
443694.66	3748138.04	27621.953	0.00026	0.08181	2.64321E-07	0.20359	2.12441E-06	0.00027
443732.42	3748138.04	32674.67363	0.00031	0.07872	2.54337E-07	0.24536	2.56026E-06	0.00031
443543.62	3748168.5	23583.62479	0.00022	0.09937	3.21056E-07	0.12302	1.28368E-06	0.00023
443581.38	3748168.5	22895.45648	0.00022	0.09492	3.06678E-07	0.13803	1.44030E-06	0.00022
443619.14	3748168.5	22899.61259	0.00022	0.09031	2.91784E-07	0.15679	1.63606E-06	0.00022
443656.9	3748168.5	24162.18417	0.00023	0.08751	2.82737E-07	0.18189	1.89797E-06	0.00023
443694.66	3748168.5	26675.89312	0.00025	0.08580	2.77212E-07	0.21758	2.27039E-06	0.00026
443732.42	3748168.5	30320.76783	0.00029	0.08219	2.65549E-07	0.26625	2.77824E-06	0.00029
444172.99	3747085.77	3436.6302	0.00003	0.02206	7.12739E-08	0.03205	3.34433E-07	0.00003
444272.99	3747085.77	3436.65313	0.00003	0.02204	7.12093E-08	0.03413	3.56137E-07	0.00003
444372.99	3747085.77	3370.63825	0.00003	0.02195	7.09185E-08	0.03525	3.67824E-07	0.00003
444472.99	3747085.77	3237.14617	0.00003	0.02149	6.94323E-08	0.03510	3.66259E-07	0.00003
444572.99	3747085.77	3013.02036	0.00003	0.02067	6.67830E-08	0.03464	3.61459E-07	0.00003
444672.99	3747085.77	2791.95569	0.00003	0.01976	6.38428E-08	0.03479	3.63024E-07	0.00003
444772.99	3747085.77	2580.05484	0.00002	0.01874	6.05473E-08	0.03456	3.60624E-07	0.00003
444872.99	3747085.77	2391.07814	0.00002	0.01774	5.73164E-08	0.03378	3.52485E-07	0.00002
444972.99	3747085.77	2221.4289	0.00002	0.01678	5.42147E-08	0.03225	3.36520E-07	0.00002
445072.99	3747085.77	2077.95451	0.00002	0.01597	5.15977E-08	0.03046	3.17842E-07	0.00002
445172.99	3747085.77	1954.47326	0.00002	0.01534	4.95622E-08	0.02890	3.01563E-07	0.00002
445272.99	3747085.77	1855.13689	0.00002	0.01490	4.81406E-08	0.02783	2.90398E-07	0.00002
445372.99	3747085.77	1768.23288	0.00002	0.01453	4.69452E-08	0.02669	2.78503E-07	0.00002
445472.99	3747085.77	1692.811	0.00002	0.01420	4.58790E-08	0.02530	2.63998E-07	0.00002
445572.99	3747085.77	1635.64253	0.00002	0.01389	4.48774E-08	0.02395	2.49912E-07	0.00002
444172.99	3747185.77	3947.76636	0.00004	0.02369	7.65403E-08	0.03636	3.79407E-07	0.00004
444272.99	3747185.77	3914.09167	0.00004	0.02372	7.66373E-08	0.03878	4.04659E-07	0.00004
444372.99	3747185.77	3814.76253	0.00004	0.02340	7.56034E-08	0.03992	4.16554E-07	0.00004
444472.99	3747185.77	3567.59137	0.00003	0.02256	7.28894E-08	0.03930	4.10085E-07	0.00003
444572.99	3747185.77	3262.28775	0.00003	0.02149	6.94323E-08	0.03875	4.04345E-07	0.00003
444672.99	3747185.77	2986.39483	0.00003	0.02033	6.56845E-08	0.03857	4.02467E-07	0.00003
444772.99	3747185.77	2735.09064	0.00003	0.01912	6.17751E-08	0.03782	3.94641E-07	0.00003
444872.99	3747185.77	2524.02278	0.00002	0.01802	5.82211E-08	0.03651	3.80972E-07	0.00002
444972.99	3747185.77	2342.12849	0.00002	0.01710	5.52486E-08	0.03456	3.60624E-07	0.00002
445072.99	3747185.77	2185.44087	0.00002	0.01637	5.28900E-08	0.03242	3.38294E-07	0.00002
445172.99	3747185.77	2059.88205	0.00002	0.01584	5.11777E-08	0.03074	3.20763E-07	0.00002
445272.99	3747185.77	1969.11913	0.00002	0.01547	4.99822E-08	0.02958	3.08659E-07	0.00002

445372.99	3747185.77	1889.47805	0.00002	0.01511	4.88191E-08	0.02812	2.93424E-07	0.00002
445472.99	3747185.77	1825.71117	0.00002	0.01474	4.76237E-08	0.02655	2.77042E-07	0.00002
445572.99	3747185.77	1773.52518	0.00002	0.01435	4.63636E-08	0.02498	2.60659E-07	0.00002
444172.99	3747285.77	4603.62408	0.00004	0.02562	8.27760E-08	0.04174	4.35545E-07	0.00004
444272.99	3747285.77	4491.6485	0.00004	0.02541	8.20975E-08	0.04407	4.59858E-07	0.00004
444372.99	3747285.77	4298.62353	0.00004	0.02472	7.98682E-08	0.04503	4.69876E-07	0.00004
444472.99	3747285.77	3947.53019	0.00004	0.02360	7.62495E-08	0.04454	4.64763E-07	0.00004
444572.99	3747285.77	3563.57504	0.00003	0.02225	7.18878E-08	0.04380	4.57041E-07	0.00003
444672.99	3747285.77	3221.96334	0.00003	0.02082	6.72676E-08	0.04293	4.47963E-07	0.00003
444772.99	3747285.77	2930.79629	0.00003	0.01948	6.29382E-08	0.04157	4.33771E-07	0.00003
444872.99	3747285.77	2690.81361	0.00003	0.01839	5.94165E-08	0.03958	4.13006E-07	0.00003
444972.99	3747285.77	2487.00668	0.00002	0.01754	5.66702E-08	0.03688	3.84833E-07	0.00002
445072.99	3747285.77	2337.90355	0.00002	0.01694	5.47317E-08	0.03465	3.61563E-07	0.00002
445172.99	3747285.77	2226.59385	0.00002	0.01649	5.32778E-08	0.03294	3.43720E-07	0.00002
445272.99	3747285.77	2140.53256	0.00002	0.01610	5.20177E-08	0.03138	3.27442E-07	0.00002
445372.99	3747285.77	2070.21299	0.00002	0.01570	5.07253E-08	0.02969	3.09807E-07	0.00002
445472.99	3747285.77	2010.44916	0.00002	0.01526	4.93037E-08	0.02795	2.91650E-07	0.00002
445572.99	3747285.77	1952.9204	0.00002	0.01475	4.76560E-08	0.02622	2.73598E-07	0.00002
444172.99	3747385.77	5482.06197	0.00005	0.02775	8.96578E-08	0.04855	5.06606E-07	0.00005
444272.99	3747385.77	5267.55399	0.00005	0.02716	8.77516E-08	0.05087	5.30814E-07	0.00005
444372.99	3747385.77	4922.83674	0.00005	0.02607	8.42299E-08	0.05190	5.41562E-07	0.00005
444472.99	3747385.77	4434.48717	0.00004	0.02463	7.95774E-08	0.05134	5.35719E-07	0.00004
444572.99	3747385.77	4011.74835	0.00004	0.02312	7.46987E-08	0.05076	5.29667E-07	0.00004
444672.99	3747385.77	3514.60003	0.00003	0.02124	6.86246E-08	0.04781	4.98884E-07	0.00003
444772.99	3747385.77	3175.77102	0.00003	0.01990	6.42952E-08	0.04565	4.76345E-07	0.00003
444872.99	3747385.77	2910.12061	0.00003	0.01891	6.10966E-08	0.04274	4.45980E-07	0.00003
444972.99	3747385.77	2719.36781	0.00003	0.01820	5.88026E-08	0.03974	4.14676E-07	0.00003
445072.99	3747385.77	2575.46915	0.00002	0.01765	5.70256E-08	0.03717	3.87859E-07	0.00002
445172.99	3747385.77	2467.29647	0.00002	0.01719	5.55394E-08	0.03523	3.67615E-07	0.00002
445272.99	3747385.77	2375.76421	0.00002	0.01671	5.39886E-08	0.03332	3.47685E-07	0.00002
445372.99	3747385.77	2299.73204	0.00002	0.01622	5.24054E-08	0.03142	3.27859E-07	0.00002
445472.99	3747385.77	2222.22136	0.00002	0.01566	5.05961E-08	0.02944	3.07198E-07	0.00002
445572.99	3747385.77	2142.3102	0.00002	0.01511	4.88191E-08	0.02757	2.87685E-07	0.00002
444172.99	3747485.77	6751.7963	0.00006	0.03004	9.70566E-08	0.05757	6.00727E-07	0.00007
444272.99	3747485.77	6260.30271	0.00006	0.02878	9.29857E-08	0.05921	6.17840E-07	0.00006
444372.99	3747485.77	5725.14625	0.00005	0.02733	8.83009E-08	0.06075	6.33909E-07	0.00006
444472.99	3747485.77	5045.66563	0.00005	0.02543	8.21621E-08	0.05918	6.17527E-07	0.00005
444572.99	3747485.77	4398.08994	0.00004	0.02335	7.54418E-08	0.05581	5.82362E-07	0.00004
444672.99	3747485.77	3883.9527	0.00004	0.02165	6.99493E-08	0.05282	5.51162E-07	0.00004
444772.99	3747485.77	3531.03349	0.00003	0.02051	6.62660E-08	0.05016	5.23406E-07	0.00003
444872.99	3747485.77	3265.79533	0.00003	0.01967	6.35521E-08	0.04645	4.84693E-07	0.00003
444972.99	3747485.77	3075.44725	0.00003	0.01904	6.15166E-08	0.04302	4.48902E-07	0.00003
445072.99	3747485.77	2913.99051	0.00003	0.01845	5.96103E-08	0.04022	4.19685E-07	0.00003
445172.99	3747485.77	2776.6163	0.00003	0.01786	5.77041E-08	0.03787	3.95163E-07	0.00003
445272.99	3747485.77	2655.95593	0.00003	0.01725	5.57333E-08	0.03556	3.71059E-07	0.00003
445372.99	3747485.77	2545.43831	0.00002	0.01665	5.37947E-08	0.03330	3.47476E-07	0.00002
445472.99	3747485.77	2439.3938	0.00002	0.01611	5.20500E-08	0.03123	3.25876E-07	0.00002
445572.99	3747485.77	2333.08698	0.00002	0.01568	5.06607E-08	0.02938	3.06572E-07	0.00002
444172.99	3747585.77	8667.93865	0.00008	0.03234	1.04488E-07	0.06971	7.27404E-07	0.00008
444272.99	3747585.77	7689.73113	0.00007	0.03030	9.78967E-08	0.07058	7.36483E-07	0.00007
444372.99	3747585.77	6825.54729	0.00007	0.02834	9.15641E-08	0.07153	7.46396E-07	0.00007
444472.99	3747585.77	5896.46021	0.00006	0.02601	8.40361E-08	0.06786	7.08100E-07	0.00006
444572.99	3747585.77	5046.69891	0.00005	0.02381	7.69280E-08	0.06248	6.51961E-07	0.00005
444672.99	3747585.77	4498.30753	0.00004	0.02241	7.24048E-08	0.05948	6.20657E-07	0.00004
444772.99	3747585.77	4111.69191	0.00004	0.02144	6.92708E-08	0.05577	5.81944E-07	0.00004
444872.99	3747585.77	3799.45487	0.00004	0.02064	6.66860E-08	0.05101	5.32275E-07	0.00004
444972.99	3747585.77	3540.21946	0.00003	0.01991	6.43275E-08	0.04696	4.90015E-07	0.00003
445072.99	3747585.77	3327.8164	0.00003	0.01921	6.20658E-08	0.04403	4.59441E-07	0.00003
445172.99	3747585.77	3128.86486	0.00003	0.01847	5.96750E-08	0.04108	4.28658E-07	0.00003
445272.99	3747585.77	2958.99667	0.00003	0.01781	5.75426E-08	0.03835	4.00172E-07	0.00003
445372.99	3747585.77	2799.84211	0.00003	0.01728	5.58302E-08	0.03579	3.73459E-07	0.00003
445472.99	3747585.77	2642.14537	0.00003	0.01686	5.44732E-08	0.03342	3.48728E-07	0.00003
445572.99	3747585.77	2500.18645	0.00002	0.01665	5.37947E-08	0.03153	3.29007E-07	0.00002
444172.99	3747685.77	12025.04643	0.00011	0.03471	1.12145E-07	0.08770	9.15125E-07	0.00012
444272.99	3747685.77	10221.98808	0.00010	0.03194	1.03195E-07	0.08769	9.15021E-07	0.00010
444372.99	3747685.77	8667.5402	0.00008	0.02926	9.45365E-08	0.08528	8.89873E-07	0.00008
444472.99	3747685.77	7229.13931	0.00007	0.02664	8.60715E-08	0.07813	8.15265E-07	0.00007
444572.99	3747685.77	6132.0072	0.00006	0.02469	7.97712E-08	0.07179	7.49109E-07	0.00006
444672.99	3747685.77	5419.73786	0.00005	0.02346	7.57972E-08	0.06736	7.02883E-07	0.00005
444772.99	3747685.77	4884.32346	0.00005	0.02249	7.26632E-08	0.06193	6.46222E-07	0.00005
444872.99	3747685.77	4456.63954	0.00004	0.02163	6.98847E-08	0.05660	5.90605E-07	0.00004
444972.99	3747685.77	4087.964	0.00004	0.02075	6.70414E-08	0.05221	5.44797E-07	0.00004
445072.99	3747685.77	3783.41483	0.00004	0.01995	6.44567E-08	0.04870	5.08171E-07	0.00004
445172.99	3747685.77	3512.21105	0.00003	0.01926	6.22274E-08	0.04521	4.71754E-07	0.00003

445272.99	3747685.77	3261.04456	0.00003	0.01872	6.04827E-08	0.04175	4.35650E-07	0.00003
445372.99	3747685.77	3030.27979	0.00003	0.01834	5.92549E-08	0.03862	4.02989E-07	0.00003
445472.99	3747685.77	2821.15994	0.00003	0.01813	5.85765E-08	0.03597	3.75337E-07	0.00003
445572.99	3747685.77	2634.42983	0.00003	0.01804	5.82857E-08	0.03383	3.53007E-07	0.00003
444172.99	3747785.77	18544.94803	0.00018	0.03674	1.18704E-07	0.11347	1.18403E-06	0.00018
444272.99	3747785.77	14858.64823	0.00014	0.03334	1.07719E-07	0.11032	1.15116E-06	0.00014
444372.99	3747785.77	12082.25381	0.00012	0.03061	9.88983E-08	0.10471	1.09262E-06	0.00012
444472.99	3747785.77	9448.67105	0.00009	0.02781	8.98517E-08	0.09310	9.71473E-07	0.00009
444572.99	3747785.77	7787.08914	0.00007	0.02604	8.41330E-08	0.08471	8.83925E-07	0.00008
444672.99	3747785.77	6670.75279	0.00006	0.02474	7.99328E-08	0.07771	8.10882E-07	0.00006
444772.99	3747785.77	5888.73293	0.00006	0.02370	7.65726E-08	0.07091	7.39926E-07	0.00006
444872.99	3747785.77	5240.66567	0.00005	0.02266	7.32125E-08	0.06433	6.71266E-07	0.00005
444972.99	3747785.77	4705.49869	0.00004	0.02173	7.02077E-08	0.05903	6.15962E-07	0.00005
445072.99	3747785.77	4253.36808	0.00004	0.02098	6.77846E-08	0.05418	5.65353E-07	0.00004
445172.99	3747785.77	3881.87272	0.00004	0.02054	6.63630E-08	0.04977	5.19336E-07	0.00004
445272.99	3747785.77	3544.08337	0.00003	0.02023	6.53614E-08	0.04552	4.74989E-07	0.00003
445372.99	3747785.77	3244.4436	0.00003	0.02002	6.46829E-08	0.04183	4.36484E-07	0.00003
445472.99	3747785.77	2992.29374	0.00003	0.01993	6.43921E-08	0.03894	4.06328E-07	0.00003
445572.99	3747785.77	2774.15687	0.00003	0.01984	6.41013E-08	0.03659	3.81806E-07	0.00003
444172.99	3747885.77	33240.16476	0.00032	0.03863	1.24810E-07	0.15375	1.60434E-06	0.00032
444272.99	3747885.77	23680.18819	0.00023	0.03495	1.12920E-07	0.14290	1.49112E-06	0.00023
444372.99	3747885.77	17233.74478	0.00016	0.03207	1.03615E-07	0.13020	1.35860E-06	0.00017
444472.99	3747885.77	12777.39524	0.00012	0.02955	9.54735E-08	0.11517	1.20177E-06	0.00012
444572.99	3747885.77	9943.186	0.00009	0.02751	8.88824E-08	0.10175	1.06173E-06	0.00010
444672.99	3747885.77	8286.85222	0.00008	0.02616	8.45207E-08	0.09223	9.62394E-07	0.00008
444772.99	3747885.77	7091.39479	0.00007	0.02502	8.08374E-08	0.08286	8.64621E-07	0.00007
444872.99	3747885.77	6124.32832	0.00006	0.02402	7.76065E-08	0.07445	7.76865E-07	0.00006
444972.99	3747885.77	5348.71797	0.00005	0.02326	7.51510E-08	0.06724	7.01631E-07	0.00005
445072.99	3747885.77	4719.54528	0.00004	0.02275	7.35033E-08	0.06048	6.31092E-07	0.00005
445172.99	3747885.77	4231.30107	0.00004	0.02253	7.27925E-08	0.05476	5.71405E-07	0.00004
445272.99	3747885.77	3819.29934	0.00004	0.02239	7.23401E-08	0.04981	5.19754E-07	0.00004
445372.99	3747885.77	3470.88282	0.00003	0.02222	7.17909E-08	0.04579	4.77806E-07	0.00003
445472.99	3747885.77	3169.76049	0.00003	0.02194	7.08862E-08	0.04247	4.43163E-07	0.00003
445572.99	3747885.77	2922.35429	0.00003	0.02160	6.97877E-08	0.03976	4.14885E-07	0.00003
444172.99	3747985.77	69403.55977	0.00066	0.04201	1.35731E-07	0.22627	2.36106E-06	0.00066
444272.99	3747985.77	38053.717	0.00036	0.03701	1.19576E-07	0.19407	2.02507E-06	0.00036
444372.99	3747985.77	23680.63396	0.00023	0.03347	1.08139E-07	0.16746	1.74740E-06	0.00023
444472.99	3747985.77	16721.43325	0.00016	0.03110	1.00481E-07	0.14444	1.50719E-06	0.00016
444572.99	3747985.77	12746.85185	0.00012	0.02935	9.48273E-08	0.12743	1.32970E-06	0.00012
444672.99	3747985.77	10154.05956	0.00010	0.02799	9.04333E-08	0.11219	1.17067E-06	0.00010
444772.99	3747985.77	8317.84214	0.00008	0.02696	8.71054E-08	0.09827	1.02542E-06	0.00008
444872.99	3747985.77	6978.88342	0.00007	0.02625	8.48115E-08	0.08700	9.07821E-07	0.00007
444972.99	3747985.77	5951.36362	0.00006	0.02574	8.31637E-08	0.07683	8.01700E-07	0.00006
445072.99	3747985.77	5174.38427	0.00005	0.02542	8.21298E-08	0.06804	7.09979E-07	0.00005
445172.99	3747985.77	4556.30981	0.00004	0.02509	8.10636E-08	0.06065	6.32866E-07	0.00004
445272.99	3747985.77	4079.85759	0.00004	0.02478	8.00620E-08	0.05507	5.74640E-07	0.00004
445372.99	3747985.77	3680.08509	0.00004	0.02430	7.85112E-08	0.05050	5.26953E-07	0.00004
445472.99	3747985.77	3343.97968	0.00003	0.02365	7.64111E-08	0.04666	4.86884E-07	0.00003
445572.99	3747985.77	3067.77965	0.00003	0.02294	7.41171E-08	0.04340	4.52867E-07	0.00003
444172.99	3748085.77	125768.571	0.00120	0.04402	1.42225E-07	0.37461	3.90895E-06	0.00120
444272.99	3748085.77	55182.21535	0.00053	0.03887	1.25586E-07	0.28945	3.02033E-06	0.00053
444372.99	3748085.77	32064.97164	0.00031	0.03573	1.15441E-07	0.23362	2.43776E-06	0.00031
444472.99	3748085.77	21397.17272	0.00020	0.03360	1.08559E-07	0.19398	2.02413E-06	0.00021
444572.99	3748085.77	15403.51962	0.00015	0.03201	1.03422E-07	0.16420	1.71338E-06	0.00015
444672.99	3748085.77	11739.6963	0.00011	0.03087	9.97383E-08	0.13905	1.45095E-06	0.00011
444772.99	3748085.77	9352.9505	0.00009	0.03012	9.73151E-08	0.11895	1.24121E-06	0.00009
444872.99	3748085.77	7689.84993	0.00007	0.02957	9.55381E-08	0.10270	1.07165E-06	0.00007
444972.99	3748085.77	6457.94902	0.00006	0.02899	9.36642E-08	0.08853	9.23786E-07	0.00006
445072.99	3748085.77	5542.73703	0.00005	0.02836	9.16287E-08	0.07712	8.04726E-07	0.00005
445172.99	3748085.77	4844.32597	0.00005	0.02764	8.93024E-08	0.06841	7.13839E-07	0.00005
445272.99	3748085.77	4296.55846	0.00004	0.02681	8.66208E-08	0.06171	6.43927E-07	0.00004
445372.99	3748085.77	3858.91041	0.00004	0.02588	8.36160E-08	0.05629	5.87371E-07	0.00004
445472.99	3748085.77	3494.07812	0.00003	0.02486	8.03205E-08	0.05165	5.38953E-07	0.00003
445572.99	3748085.77	3190.52605	0.00003	0.02383	7.69927E-08	0.04772	4.97945E-07	0.00003
444172.99	3748185.77	271548.0862	0.00259	0.04679	1.51174E-07	0.74112	7.73338E-06	0.00260
444272.99	3748185.77	76423.29123	0.00073	0.04240	1.36991E-07	0.48587	5.06992E-06	0.00073
444372.99	3748185.77	38644.88079	0.00037	0.03952	1.27686E-07	0.35230	3.67615E-06	0.00037
444472.99	3748185.77	24250.58829	0.00023	0.03761	1.21515E-07	0.27211	2.83939E-06	0.00023
444572.99	3748185.77	16987.93795	0.00016	0.03625	1.17121E-07	0.21831	2.27800E-06	0.00016
444672.99	3748185.77	12706.68232	0.00012	0.03515	1.13567E-07	0.17677	1.84455E-06	0.00012
444772.99	3748185.77	9957.5313	0.00009	0.03416	1.10368E-07	0.14555	1.51877E-06	0.00010
444872.99	3748185.77	8149.92276	0.00008	0.03334	1.07719E-07	0.12245	1.27773E-06	0.00008
444972.99	3748185.77	6793.81716	0.00006	0.03219	1.04003E-07	0.10321	1.07697E-06	0.00007
445072.99	3748185.77	5797.94747	0.00006	0.03094	9.99645E-08	0.08894	9.28064E-07	0.00006

445172.99	3748185.77	5040.12308	0.00005	0.02963	9.57320E-08	0.07827	8.16726E-07	0.00005
445272.99	3748185.77	4451.37474	0.00004	0.02830	9.14348E-08	0.06993	7.29700E-07	0.00004
445372.99	3748185.77	3979.39479	0.00004	0.02698	8.71700E-08	0.06309	6.58327E-07	0.00004
445472.99	3748185.77	3594.24064	0.00003	0.02572	8.30991E-08	0.05744	5.99370E-07	0.00003
445572.99	3748185.77	3275.05194	0.00003	0.02454	7.92866E-08	0.05279	5.50849E-07	0.00003
444172.99	3748285.77	112757.4259	0.00107	0.05242	1.69364E-07	1.66080	1.73300E-05	0.00109
444272.99	3748285.77	58495.70806	0.00056	0.04861	1.57055E-07	0.87178	9.09678E-06	0.00057
444372.99	3748285.77	34514.28693	0.00033	0.04597	1.48525E-07	0.56244	5.86891E-06	0.00034
444472.99	3748285.77	22932.38877	0.00022	0.04379	1.41482E-07	0.39748	4.14759E-06	0.00022
444572.99	3748285.77	16575.04908	0.00016	0.04200	1.35698E-07	0.29752	3.10454E-06	0.00016
444672.99	3748285.77	12630.15873	0.00012	0.04026	1.30077E-07	0.22886	2.38809E-06	0.00012
444772.99	3748285.77	10051.91726	0.00010	0.03860	1.24713E-07	0.18170	1.89599E-06	0.00010
444872.99	3748285.77	8208.93282	0.00008	0.03672	1.18639E-07	0.14653	1.52900E-06	0.00008
444972.99	3748285.77	6870.58354	0.00007	0.03479	1.12403E-07	0.12134	1.26615E-06	0.00007
445072.99	3748285.77	5881.58594	0.00006	0.03294	1.06426E-07	0.10341	1.07905E-06	0.00006
445172.99	3748285.77	5111.9434	0.00005	0.03112	1.00546E-07	0.08979	9.36934E-07	0.00005
445272.99	3748285.77	4517.07364	0.00004	0.02948	9.52473E-08	0.07928	8.27265E-07	0.00004
445372.99	3748285.77	4036.17234	0.00004	0.02795	9.03040E-08	0.07092	7.40031E-07	0.00004
445472.99	3748285.77	3651.72527	0.00003	0.02656	8.58131E-08	0.06411	6.68970E-07	0.00004
445572.99	3748285.77	3324.81218	0.00003	0.02530	8.17421E-08	0.05841	6.09492E-07	0.00003
444172.99	3748385.77	27903.01	0.00027	0.06248	2.01867E-07	5.01883	5.23701E-05	0.00032
444272.99	3748385.77	25607.23942	0.00024	0.05785	1.86908E-07	1.66727	1.73975E-05	0.00026
444372.99	3748385.77	21654.46572	0.00021	0.05419	1.75083E-07	0.90619	9.45584E-06	0.00022
444472.99	3748385.77	17471.82371	0.00017	0.05107	1.65003E-07	0.58296	6.08303E-06	0.00017
444572.99	3748385.77	13958.69794	0.00013	0.04800	1.55084E-07	0.40285	4.20363E-06	0.00014
444672.99	3748385.77	11336.04057	0.00011	0.04514	1.45843E-07	0.29432	3.07115E-06	0.00011
444772.99	3748385.77	9365.27397	0.00009	0.04235	1.36829E-07	0.22377	2.33498E-06	0.00009
444872.99	3748385.77	7849.57679	0.00007	0.03959	1.27912E-07	0.17593	1.83578E-06	0.00008
444972.99	3748385.77	6658.06987	0.00006	0.03688	1.19156E-07	0.14278	1.48987E-06	0.00007
445072.99	3748385.77	5770.0966	0.00006	0.03459	1.11757E-07	0.12003	1.25248E-06	0.00006
445172.99	3748385.77	5049.20906	0.00005	0.03245	1.04843E-07	0.10279	1.07259E-06	0.00005
445272.99	3748385.77	4489.14264	0.00004	0.03060	9.88659E-08	0.08982	9.37247E-07	0.00004
445372.99	3748385.77	4028.40022	0.00004	0.02896	9.35672E-08	0.07950	8.29560E-07	0.00004
445472.99	3748385.77	3652.96057	0.00003	0.02752	8.89147E-08	0.07099	7.40761E-07	0.00004
445572.99	3748385.77	3325.52357	0.00003	0.02613	8.44238E-08	0.06378	6.65527E-07	0.00003
444172.99	3748485.77	14389.42677	0.00014	0.07524	2.43094E-07	10.99067	1.14685E-04	0.00025
444272.99	3748485.77	13668.18808	0.00013	0.06870	2.21964E-07	4.14076	4.32077E-05	0.00017
444372.99	3748485.77	13181.27867	0.00013	0.06349	2.05131E-07	1.56610	1.63418E-05	0.00014
444472.99	3748485.77	12111.911	0.00012	0.05844	1.88815E-07	0.86227	8.99755E-06	0.00012
444572.99	3748485.77	10748.59512	0.00010	0.05371	1.73532E-07	0.54597	5.69705E-06	0.00011
444672.99	3748485.77	9372.33745	0.00009	0.04936	1.59478E-07	0.37433	3.90603E-06	0.00009
444772.99	3748485.77	8132.53549	0.00008	0.04543	1.46780E-07	0.27290	2.84764E-06	0.00008
444872.99	3748485.77	7099.27686	0.00007	0.04206	1.35892E-07	0.21045	2.19599E-06	0.00007
444972.99	3748485.77	6205.60116	0.00006	0.03897	1.25909E-07	0.16837	1.75689E-06	0.00006
445072.99	3748485.77	5450.70428	0.00005	0.03620	1.16959E-07	0.13855	1.44573E-06	0.00005
445172.99	3748485.77	4854.94957	0.00005	0.03394	1.09657E-07	0.11727	1.22368E-06	0.00005
445272.99	3748485.77	4345.63388	0.00004	0.03188	1.03002E-07	0.10070	1.05078E-06	0.00004
445372.99	3748485.77	3933.68514	0.00004	0.03017	9.74766E-08	0.08770	9.15125E-07	0.00004
445472.99	3748485.77	3572.81199	0.00003	0.02856	9.22749E-08	0.07710	8.04517E-07	0.00003
445572.99	3748485.77	3266.51481	0.00003	0.02714	8.76870E-08	0.06841	7.13839E-07	0.00003
443047.86	3748855.7	14171.13749	0.00014	1.16706	3.77067E-06	0.04334	4.52241E-07	0.00014
443030.11	3748868.74	11992.64865	0.00011	0.99029	3.19954E-06	0.04221	4.40450E-07	0.00012
443016.91	3748884.58	10350.56362	0.00010	0.88024	2.84398E-06	0.04123	4.30224E-07	0.00010
442999.31	3748898.66	9034.65197	0.00009	0.76221	2.46263E-06	0.04016	4.19058E-07	0.00009
442983.47	3748918.02	7842.44673	0.00007	0.67038	2.16594E-06	0.03908	4.07789E-07	0.00008
442962.35	3748934.74	6904.37202	0.00007	0.57481	1.85716E-06	0.03792	3.95685E-07	0.00007
442947.39	3748948.82	6310.52306	0.00006	0.51727	1.67125E-06	0.03711	3.87233E-07	0.00006
442935.07	3748963.78	5818.11448	0.00006	0.47339	1.52948E-06	0.03639	3.79720E-07	0.00006
442916.59	3748985.78	5195.69148	0.00005	0.41469	1.33983E-06	0.03527	3.68033E-07	0.00005
442898.98	3749001.62	4788.94045	0.00005	0.36979	1.19476E-06	0.03437	3.58641E-07	0.00005
442881.38	3749017.46	4455.71398	0.00004	0.33228	1.07357E-06	0.03360	3.50607E-07	0.00004
442868.18	3749033.31	4184.73303	0.00004	0.30498	9.85364E-07	0.03294	3.43720E-07	0.00004
442854.1	3749046.51	3972.50507	0.00004	0.28105	9.08048E-07	0.03237	3.37772E-07	0.00004
442832.98	3749062.35	3725.21602	0.00004	0.25129	8.11896E-07	0.03157	3.29424E-07	0.00004
442816.26	3749081.71	3495.49838	0.00003	0.22807	7.36874E-07	0.03085	3.21911E-07	0.00003
442801.3	3749094.91	3342.89086	0.00003	0.21126	6.82563E-07	0.03030	3.16172E-07	0.00003
442780.18	3749111.63	3158.19132	0.00003	0.19090	6.16781E-07	0.02953	3.08137E-07	0.00003
442764.34	3749127.47	3016.92318	0.00003	0.17669	5.70870E-07	0.02897	3.02294E-07	0.00003
442750.26	3749130.11	2966.96196	0.00003	0.16864	5.44861E-07	0.02865	2.98955E-07	0.00003
442722.1	3749138.03	2857.14773	0.00003	0.15355	4.96107E-07	0.02800	2.92172E-07	0.00003
442705.38	3749146.83	2772.46864	0.00003	0.14457	4.67093E-07	0.02754	2.87372E-07	0.00003
442678.1	3749144.19	2716.71694	0.00003	0.13481	4.35559E-07	0.02701	2.81842E-07	0.00003
442659.62	3749147.71	2656.48695	0.00003	0.12784	4.13040E-07	0.02660	2.77564E-07	0.00003
442638.49	3749145.07	2615.79043	0.00002	0.12161	3.92911E-07	0.02622	2.73598E-07	0.00003

442662.26	3749101.07	2861.32324	0.00003	0.13666	4.41537E-07	0.02719	2.83720E-07	0.00003
442694.82	3749095.79	2989.7465	0.00003	0.15076	4.87092E-07	0.02794	2.91546E-07	0.00003
442709.78	3749094.03	3048.53311	0.00003	0.15790	5.10161E-07	0.02829	2.95198E-07	0.00003
442730.02	3749086.99	3157.36855	0.00003	0.16957	5.47866E-07	0.02884	3.00937E-07	0.00003
442752.02	3749068.51	3353.70533	0.00003	0.18672	6.03276E-07	0.02960	3.08868E-07	0.00003
442796.9	3749035.94	3802.69619	0.00004	0.22884	7.39362E-07	0.03120	3.25563E-07	0.00004
442817.14	3749007.78	4178.20618	0.00004	0.25664	8.29182E-07	0.03219	3.35894E-07	0.00004
442845.3	3748987.54	4597.92385	0.00004	0.29572	9.55446E-07	0.03328	3.47268E-07	0.00005
442865.54	3748973.46	4948.46134	0.00005	0.32894	1.06278E-06	0.03408	3.55615E-07	0.00005
442840.9	3748956.74	4934.34579	0.00005	0.29743	9.60970E-07	0.03366	3.51233E-07	0.00005
442888.42	3748944.42	5647.42634	0.00005	0.37644	1.21624E-06	0.03535	3.68867E-07	0.00006
442871.7	3748932.1	5638.07099	0.00005	0.34792	1.12410E-06	0.03505	3.65737E-07	0.00006
442872.58	3748910.98	5995.9995	0.00006	0.35178	1.13657E-06	0.03542	3.69598E-07	0.00006
442880.5	3748896.9	6374.41491	0.00006	0.36682	1.18516E-06	0.03591	3.74711E-07	0.00006
442906.02	3748895.14	6893.32328	0.00007	0.42037	1.35818E-06	0.03682	3.84206E-07	0.00007
442925.39	3748905.7	7042.61971	0.00007	0.46767	1.51100E-06	0.03736	3.89841E-07	0.00007
442928.03	3748871.38	8013.78653	0.00008	0.47456	1.53326E-06	0.03808	3.97354E-07	0.00008
442942.99	3748881.94	8113.51119	0.00008	0.52148	1.68486E-06	0.03844	4.01111E-07	0.00008
442959.71	3748871.38	8974.63135	0.00009	0.58004	1.87406E-06	0.03929	4.09980E-07	0.00009
442923.63	3748842.34	8708.83507	0.00008	0.45462	1.46884E-06	0.03843	4.01006E-07	0.00008
442937.71	3748821.22	9915.24179	0.00009	0.48229	1.55824E-06	0.03939	4.11024E-07	0.00010
442971.15	3748822.98	11528.31724	0.00011	0.60302	1.94831E-06	0.04072	4.24902E-07	0.00011
442986.11	3748841.46	11429.097	0.00011	0.68802	2.22293E-06	0.04095	4.27302E-07	0.00011
442985.23	3748812.42	12978.31405	0.00012	0.65520	2.11689E-06	0.04155	4.33563E-07	0.00013
443001.95	3748822.1	13633.86993	0.00013	0.75575	2.44176E-06	0.04211	4.39406E-07	0.00013
443063.55	3748836.18	17934.76257	0.00017	1.36712	4.41705E-06	0.04461	4.65493E-07	0.00018
443064.43	3748815.06	21406.31899	0.00020	1.34855	4.35705E-06	0.04516	4.71232E-07	0.00021
443051.23	3748791.3	22617.50375	0.00022	1.11035	3.58744E-06	0.04490	4.68519E-07	0.00022
443003.71	3748799.22	15371.88114	0.00015	0.73147	2.36332E-06	0.04268	4.45354E-07	0.00015
442974.67	3748795.7	13079.5194	0.00012	0.58480	1.88944E-06	0.04143	4.32311E-07	0.00013
443038.91	3748779.86	21798.73911	0.00021	0.94633	3.05751E-06	0.04457	4.65076E-07	0.00021
443027.47	3748759.62	21675.5003	0.00021	0.78575	2.53869E-06	0.04447	4.64032E-07	0.00021
443023.95	3748743.77	22130.89324	0.00021	0.71380	2.30623E-06	0.04457	4.65076E-07	0.00021
443008.99	3748724.41	20359.73925	0.00019	0.58681	1.89593E-06	0.04419	4.61110E-07	0.00020
443008.99	3748702.41	20920.95939	0.00020	0.53777	1.73749E-06	0.04448	4.64136E-07	0.00020
443097.87	3748795.7	34177.05048	0.00033	1.95322	6.31068E-06	0.04726	4.93145E-07	0.00033
443090.83	3748778.98	36527.86594	0.00035	1.64624	5.31886E-06	0.04718	4.92310E-07	0.00035
443071.47	3748764.02	31902.09639	0.00030	1.22132	3.94598E-06	0.04636	4.83754E-07	0.00031
443064.43	3748742.01	32058.23154	0.00031	1.01173	3.26881E-06	0.04632	4.83336E-07	0.00031
443051.23	3748723.53	29056.84445	0.00028	0.82158	2.65445E-06	0.04586	4.78536E-07	0.00028
443042.43	3748707.69	27478.99595	0.00026	0.70747	2.28577E-06	0.04572	4.77076E-07	0.00026
443042.43	3748691.85	27719.30172	0.00026	0.65272	2.10888E-06	0.04593	4.79267E-07	0.00027
443141.87	3748742.01	114355.7284	0.00109	2.29450	7.41333E-06	0.05108	5.33006E-07	0.00110
443121.63	3748726.17	75143.51352	0.00072	1.53496	4.95932E-06	0.05008	5.22571E-07	0.00072
443107.55	3748705.05	58050.29218	0.00055	1.11935	3.61652E-06	0.04950	5.16519E-07	0.00056
443088.19	3748676.01	43226.93026	0.00041	0.78875	2.54838E-06	0.04866	5.07754E-07	0.00042
443145.39	3748708.57	116226.1138	0.00111	1.53184	4.94924E-06	0.05203	5.42919E-07	0.00111
443176.19	3748679.53	181595.5596	0.00173	1.23576	3.99263E-06	0.05489	5.72762E-07	0.00174
443103.15	3748670.73	51264.61368	0.00049	0.82510	2.66583E-06	0.04970	5.18606E-07	0.00049
443230.76	3748790.42	179843.0216	0.00171	18.60532	6.01122E-05	0.05699	5.94675E-07	0.00178
443242.2	3748767.54	291404.1265	0.00278	6.59912	2.13212E-05	0.05870	6.12518E-07	0.00280
443255.4	3748742.89	345245.9334	0.00329	3.31496	1.07103E-05	0.06054	6.31718E-07	0.00330
443265.08	3748712.97	398094.0958	0.00380	1.91868	6.19909E-06	0.06226	6.49666E-07	0.00380
443278.28	3748687.45	390396.0472	0.00372	1.34529	4.34652E-06	0.06411	6.68970E-07	0.00373
443297.64	3748659.29	374814.4172	0.00357	0.95696	3.09185E-06	0.06698	6.98918E-07	0.00358
443306.44	3748793.94	83032.96806	0.00079	5.89623	1.90502E-05	0.06292	6.56553E-07	0.00081
443339.88	3748786.02	73035.16324	0.00070	3.56274	1.15109E-05	0.06663	6.95266E-07	0.00071
443371.56	3748768.42	70293.41382	0.00067	2.13893	6.91070E-06	0.07132	7.44204E-07	0.00068
443392.68	3748756.98	66173.12539	0.00063	1.62583	5.25292E-06	0.07456	7.78013E-07	0.00064
443418.2	3748739.37	62226.74025	0.00059	1.17862	3.80802E-06	0.07897	8.24030E-07	0.00060
443444.6	3748724.41	57031.91171	0.00054	0.91862	2.96798E-06	0.08352	8.71508E-07	0.00055
443471.89	3748711.21	50234.33131	0.00048	0.73086	2.36135E-06	0.08915	9.30255E-07	0.00048
443496.53	3748694.49	46372.8004	0.00044	0.59044	1.90766E-06	0.09487	9.89942E-07	0.00044
443525.57	3748681.29	42114.71367	0.00040	0.49316	1.59336E-06	0.10159	1.06006E-06	0.00040
443548.45	3748668.09	38792.6601	0.00037	0.42023	1.35773E-06	0.10820	1.12904E-06	0.00037
443583.65	3748651.37	34857.93969	0.00033	0.34539	1.11593E-06	0.11898	1.24152E-06	0.00033

Trails of Corona

2023 | No Mitigation | at Sensitive Receptors | tier IV | at Sensitive Receptors

Construction Annual DPM Emissions (as PM10 Exhaust)

X (m)	Y (m)	Onsite Annual DPM Exhaust w/Unit Emissions (ug/m3)	Onsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Unit Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Unit Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Total DPM (ug/m3)
443543.62	3748016.2	17510.18662	0.00001	0.07477	3.58800E-09	0.10001	1.54997E-08	0.00001
443581.38	3748016.2	18891.22998	0.00001	0.07287	3.49682E-09	0.10901	1.68945E-08	0.00001
443619.14	3748016.2	21124.16381	0.00002	0.07096	3.40517E-09	0.12022	1.86319E-08	0.00002
443656.9	3748016.2	24666.23177	0.00002	0.06920	3.32071E-09	0.13414	2.07892E-08	0.00002
443694.66	3748016.2	30612.28351	0.00002	0.06805	3.26552E-09	0.15153	2.34844E-08	0.00002
443732.42	3748016.2	39493.10646	0.00003	0.06551	3.14364E-09	0.17028	2.63903E-08	0.00003
443543.62	3748046.66	18335.96318	0.00001	0.07866	3.77467E-09	0.10441	1.61816E-08	0.00001
443581.38	3748046.66	19568.23325	0.00001	0.07661	3.67629E-09	0.11451	1.77469E-08	0.00001
443619.14	3748046.66	21602.32082	0.00002	0.07449	3.57456E-09	0.12690	1.96672E-08	0.00002
443656.9	3748046.66	25001.67069	0.00002	0.07289	3.49778E-09	0.14306	2.21717E-08	0.00002
443694.66	3748046.66	30828.28832	0.00002	0.07199	3.45459E-09	0.16326	2.53023E-08	0.00002
443732.42	3748046.66	39251.31909	0.00003	0.06933	3.32695E-09	0.18722	2.90157E-08	0.00003
443543.62	3748077.12	19359.92181	0.00001	0.08341	4.00261E-09	0.10914	1.69147E-08	0.00001
443581.38	3748077.12	20323.57533	0.00001	0.08112	3.89271E-09	0.12058	1.86877E-08	0.00001
443619.14	3748077.12	22099.23475	0.00002	0.07893	3.78762E-09	0.13474	2.08822E-08	0.00002
443656.9	3748077.12	24855.32729	0.00002	0.07628	3.66046E-09	0.15221	2.35898E-08	0.00002
443694.66	3748077.12	30020.99205	0.00002	0.07513	3.60527E-09	0.17570	2.72303E-08	0.00002
443732.42	3748077.12	37414.90992	0.00003	0.07229	3.46899E-09	0.20447	3.16891E-08	0.00003
443543.62	3748107.58	20500.38901	0.00001	0.08886	4.26413E-09	0.11405	1.76757E-08	0.00001
443581.38	3748107.58	21102.00207	0.00002	0.08600	4.12689E-09	0.12681	1.96532E-08	0.00002
443619.14	3748107.58	22171.73031	0.00002	0.08232	3.95030E-09	0.14211	2.20244E-08	0.00002
443656.9	3748107.58	24405.48711	0.00002	0.07943	3.81162E-09	0.16177	2.50714E-08	0.00002
443694.66	3748107.58	28845.0434	0.00002	0.07834	3.75931E-09	0.18928	2.93349E-08	0.00002
443732.42	3748107.58	35087.54319	0.00003	0.07534	3.61535E-09	0.22388	3.46973E-08	0.00003
443543.62	3748138.04	21852.56819	0.00002	0.09424	4.52231E-09	0.11882	1.84149E-08	0.00002
443581.38	3748138.04	21795.87047	0.00002	0.09014	4.32556E-09	0.13263	2.05552E-08	0.00002
443619.14	3748138.04	22347.22483	0.00002	0.08599	4.12641E-09	0.14963	2.31899E-08	0.00002
443656.9	3748138.04	24100.35889	0.00002	0.08313	3.98917E-09	0.17202	2.66599E-08	0.00002
443694.66	3748138.04	27621.953	0.00002	0.08181	3.92583E-09	0.20359	3.15527E-08	0.00002
443732.42	3748138.04	32674.67363	0.00002	0.07872	3.77755E-09	0.24536	3.80263E-08	0.00002
443543.62	3748168.5	23583.62479	0.00002	0.09937	4.76848E-09	0.12302	1.90658E-08	0.00002
443581.38	3748168.5	22895.45648	0.00002	0.09492	4.55494E-09	0.13803	2.13921E-08	0.00002
443619.14	3748168.5	22899.61259	0.00002	0.09031	4.33372E-09	0.15679	2.42996E-08	0.00002
443656.9	3748168.5	24162.18417	0.00002	0.08751	4.19935E-09	0.18189	2.81896E-08	0.00002
443694.66	3748168.5	26675.89312	0.00002	0.08580	4.11729E-09	0.21758	3.37209E-08	0.00002
443732.42	3748168.5	30320.76783	0.00002	0.08219	3.94406E-09	0.26625	4.12639E-08	0.00002
444172.99	3747085.77	3436.6302	0.00000	0.02206	1.05860E-09	0.03205	4.96716E-09	0.00000
444272.99	3747085.77	3436.65313	0.00000	0.02204	1.05764E-09	0.03413	5.28952E-09	0.00000
444372.99	3747085.77	3370.63825	0.00000	0.02195	1.05332E-09	0.03525	5.46310E-09	0.00000
444472.99	3747085.77	3237.14617	0.00000	0.02149	1.03124E-09	0.03510	5.43986E-09	0.00000
444572.99	3747085.77	3013.02036	0.00000	0.02067	9.91894E-10	0.03464	5.36856E-09	0.00000
444672.99	3747085.77	2791.95569	0.00000	0.01976	9.48225E-10	0.03479	5.39181E-09	0.00000
444772.99	3747085.77	2580.05484	0.00000	0.01874	8.99278E-10	0.03456	5.35617E-09	0.00000
444872.99	3747085.77	2391.07814	0.00000	0.01774	8.51291E-10	0.03378	5.23528E-09	0.00000
444972.99	3747085.77	2221.4289	0.00000	0.01678	8.05224E-10	0.03225	4.99816E-09	0.00000
445072.99	3747085.77	2077.95451	0.00000	0.01597	7.66354E-10	0.03046	4.72074E-09	0.00000
445172.99	3747085.77	1954.47326	0.00000	0.01534	7.36122E-10	0.02890	4.47897E-09	0.00000
445272.99	3747085.77	1855.13689	0.00000	0.01490	7.15008E-10	0.02783	4.31314E-09	0.00000
445372.99	3747085.77	1768.23288	0.00000	0.01453	6.97253E-10	0.02669	4.13646E-09	0.00000

445472.99	3747085.77	1692.811	0.00000	0.01420	6.81417E-10	0.02530	3.92104E-09	0.00000
445572.99	3747085.77	1635.64253	0.00000	0.01389	6.66541E-10	0.02395	3.71181E-09	0.00000
444172.99	3747185.77	3947.76636	0.00000	0.02369	1.13681E-09	0.03636	5.63513E-09	0.00000
444272.99	3747185.77	3914.09167	0.00000	0.02372	1.13825E-09	0.03878	6.01019E-09	0.00000
444372.99	3747185.77	3814.76253	0.00000	0.02340	1.12290E-09	0.03992	6.18687E-09	0.00000
444472.99	3747185.77	3567.59137	0.00000	0.02256	1.08259E-09	0.03930	6.09078E-09	0.00000
444572.99	3747185.77	3262.28775	0.00000	0.02149	1.03124E-09	0.03875	6.00554E-09	0.00000
444672.99	3747185.77	2986.39483	0.00000	0.02033	9.75578E-10	0.03857	5.97764E-09	0.00000
444772.99	3747185.77	2735.09064	0.00000	0.01912	9.17514E-10	0.03782	5.86141E-09	0.00000
444872.99	3747185.77	2524.02278	0.00000	0.01802	8.64728E-10	0.03651	5.65838E-09	0.00000
444972.99	3747185.77	2342.12849	0.00000	0.01710	8.20580E-10	0.03456	5.35617E-09	0.00000
445072.99	3747185.77	2185.44087	0.00000	0.01637	7.85549E-10	0.03242	5.02450E-09	0.00000
445172.99	3747185.77	2059.88205	0.00000	0.01584	7.60116E-10	0.03074	4.76414E-09	0.00000
445272.99	3747185.77	1969.11913	0.00000	0.01547	7.42361E-10	0.02958	4.58436E-09	0.00000
445372.99	3747185.77	1889.47805	0.00000	0.01511	7.25085E-10	0.02812	4.35808E-09	0.00000
445472.99	3747185.77	1825.71117	0.00000	0.01474	7.07330E-10	0.02655	4.11476E-09	0.00000
445572.99	3747185.77	1773.52518	0.00000	0.01435	6.88615E-10	0.02498	3.87144E-09	0.00000
444172.99	3747285.77	4603.62408	0.00000	0.02562	1.22943E-09	0.04174	6.46893E-09	0.00000
444272.99	3747285.77	4491.6485	0.00000	0.02541	1.21935E-09	0.04407	6.83004E-09	0.00000
444372.99	3747285.77	4298.62353	0.00000	0.02472	1.18624E-09	0.04503	6.97882E-09	0.00000
444472.99	3747285.77	3947.53019	0.00000	0.02360	1.13250E-09	0.04454	6.90288E-09	0.00000
444572.99	3747285.77	3563.57504	0.00000	0.02225	1.06771E-09	0.04380	6.78820E-09	0.00000
444672.99	3747285.77	3221.96334	0.00000	0.02082	9.99092E-10	0.04293	6.65336E-09	0.00000
444772.99	3747285.77	2930.79629	0.00000	0.01948	9.34789E-10	0.04157	6.44259E-09	0.00000
444872.99	3747285.77	2690.81361	0.00000	0.01839	8.82483E-10	0.03958	6.13417E-09	0.00000
444972.99	3747285.77	2487.00668	0.00000	0.01754	8.41694E-10	0.03688	5.71572E-09	0.00000
445072.99	3747285.77	2337.90355	0.00000	0.01694	8.12902E-10	0.03465	5.37011E-09	0.00000
445172.99	3747285.77	2226.59385	0.00000	0.01649	7.91307E-10	0.03294	5.10509E-09	0.00000
445272.99	3747285.77	2140.53256	0.00000	0.01610	7.72593E-10	0.03138	4.86332E-09	0.00000
445372.99	3747285.77	2070.21299	0.00000	0.01570	7.53398E-10	0.02969	4.60140E-09	0.00000
445472.99	3747285.77	2010.44916	0.00000	0.01526	7.32283E-10	0.02795	4.33174E-09	0.00000
445572.99	3747285.77	1952.9204	0.00000	0.01475	7.07810E-10	0.02622	4.06362E-09	0.00000
444172.99	3747385.77	5482.06197	0.00000	0.02775	1.33164E-09	0.04855	7.52436E-09	0.00000
444272.99	3747385.77	5267.55399	0.00000	0.02716	1.30333E-09	0.05087	7.88392E-09	0.00000
444372.99	3747385.77	4922.83674	0.00000	0.02607	1.25102E-09	0.05190	8.04355E-09	0.00000
444472.99	3747385.77	4434.48717	0.00000	0.02463	1.18192E-09	0.05134	7.95676E-09	0.00000
444572.99	3747385.77	4011.74835	0.00000	0.02312	1.10946E-09	0.05076	7.86687E-09	0.00000
444672.99	3747385.77	3514.60003	0.00000	0.02124	1.01925E-09	0.04781	7.40967E-09	0.00000
444772.99	3747385.77	3175.77102	0.00000	0.01990	9.54944E-10	0.04565	7.07491E-09	0.00000
444872.99	3747385.77	2910.12061	0.00000	0.01891	9.07436E-10	0.04274	6.62392E-09	0.00000
444972.99	3747385.77	2719.36781	0.00000	0.01820	8.73365E-10	0.03974	6.15897E-09	0.00000
445072.99	3747385.77	2575.46915	0.00000	0.01765	8.46973E-10	0.03717	5.76067E-09	0.00000
445172.99	3747385.77	2467.29647	0.00000	0.01719	8.24898E-10	0.03523	5.46000E-09	0.00000
445272.99	3747385.77	2375.76421	0.00000	0.01671	8.01865E-10	0.03332	5.16399E-09	0.00000
445372.99	3747385.77	2299.73204	0.00000	0.01622	7.78351E-10	0.03142	4.86952E-09	0.00000
445472.99	3747385.77	2222.22136	0.00000	0.01566	7.51478E-10	0.02944	4.56266E-09	0.00000
445572.99	3747385.77	2142.3102	0.00000	0.01511	7.25085E-10	0.02757	4.27284E-09	0.00000
444172.99	3747485.77	6751.7963	0.00000	0.03004	1.44153E-09	0.05757	8.92229E-09	0.00000
444272.99	3747485.77	6260.30271	0.00000	0.02878	1.38107E-09	0.05921	9.17646E-09	0.00000
444372.99	3747485.77	5725.14625	0.00000	0.02733	1.31149E-09	0.06075	9.41513E-09	0.00000
444472.99	3747485.77	5045.66563	0.00000	0.02543	1.22031E-09	0.05918	9.17181E-09	0.00000
444572.99	3747485.77	4398.08994	0.00000	0.02335	1.12050E-09	0.05581	8.64952E-09	0.00000
444672.99	3747485.77	3883.9527	0.00000	0.02165	1.03892E-09	0.05282	8.18613E-09	0.00000
444772.99	3747485.77	3531.03349	0.00000	0.02051	9.84216E-10	0.05016	7.77388E-09	0.00000
444872.99	3747485.77	3265.79533	0.00000	0.01967	9.43906E-10	0.04645	7.19890E-09	0.00000
444972.99	3747485.77	3075.44725	0.00000	0.01904	9.13675E-10	0.04302	6.66731E-09	0.00000
445072.99	3747485.77	2913.99051	0.00000	0.01845	8.85362E-10	0.04022	6.23336E-09	0.00000
445172.99	3747485.77	2776.6163	0.00000	0.01786	8.57050E-10	0.03787	5.86915E-09	0.00000
445272.99	3747485.77	2655.95593	0.00000	0.01725	8.27778E-10	0.03556	5.51115E-09	0.00000

445372.99	3747485.77	2545.43831	0.00000	0.01665	7.98985E-10	0.03330	5.16089E-09	0.00000
445472.99	3747485.77	2439.3938	0.00000	0.01611	7.73072E-10	0.03123	4.84008E-09	0.00000
445572.99	3747485.77	2333.08698	0.00000	0.01568	7.52438E-10	0.02938	4.55336E-09	0.00000
444172.99	3747585.77	8667.93865	0.00001	0.03234	1.55190E-09	0.06971	1.08038E-08	0.00001
444272.99	3747585.77	7689.73113	0.00001	0.03030	1.45401E-09	0.07058	1.09386E-08	0.00001
444372.99	3747585.77	6825.54729	0.00000	0.02834	1.35995E-09	0.07153	1.10858E-08	0.00000
444472.99	3747585.77	5896.46021	0.00000	0.02601	1.24814E-09	0.06786	1.05171E-08	0.00000
444572.99	3747585.77	5046.69891	0.00000	0.02381	1.14257E-09	0.06248	9.68325E-09	0.00000
444672.99	3747585.77	4498.30753	0.00000	0.02241	1.07539E-09	0.05948	9.21831E-09	0.00000
444772.99	3747585.77	4111.69191	0.00000	0.02144	1.02884E-09	0.05577	8.64333E-09	0.00000
444872.99	3747585.77	3799.45487	0.00000	0.02064	9.90454E-10	0.05101	7.90561E-09	0.00000
444972.99	3747585.77	3540.21946	0.00000	0.01991	9.55423E-10	0.04696	7.27794E-09	0.00000
445072.99	3747585.77	3327.8164	0.00000	0.01921	9.21832E-10	0.04403	6.82384E-09	0.00000
445172.99	3747585.77	3128.86486	0.00000	0.01847	8.86322E-10	0.04108	6.36665E-09	0.00000
445272.99	3747585.77	2958.99667	0.00000	0.01781	8.54650E-10	0.03835	5.94355E-09	0.00000
445372.99	3747585.77	2799.84211	0.00000	0.01728	8.29217E-10	0.03579	5.54679E-09	0.00000
445472.99	3747585.77	2642.14537	0.00000	0.01686	8.09063E-10	0.03342	5.17949E-09	0.00000
445572.99	3747585.77	2500.18645	0.00000	0.01665	7.98985E-10	0.03153	4.88657E-09	0.00000
444172.99	3747685.77	12025.04643	0.00001	0.03471	1.66563E-09	0.08770	1.35919E-08	0.00001
444272.99	3747685.77	10221.98808	0.00001	0.03194	1.53271E-09	0.08769	1.35903E-08	0.00001
444372.99	3747685.77	8667.5402	0.00001	0.02926	1.40410E-09	0.08528	1.32168E-08	0.00001
444472.99	3747685.77	7229.13931	0.00001	0.02664	1.27838E-09	0.07813	1.21087E-08	0.00001
444572.99	3747685.77	6132.0072	0.00000	0.02469	1.18480E-09	0.07179	1.11261E-08	0.00000
444672.99	3747685.77	5419.73786	0.00000	0.02346	1.12578E-09	0.06736	1.04396E-08	0.00000
444772.99	3747685.77	4884.32346	0.00000	0.02249	1.07923E-09	0.06193	9.59801E-09	0.00000
444872.99	3747685.77	4456.63954	0.00000	0.02163	1.03796E-09	0.05660	8.77196E-09	0.00000
444972.99	3747685.77	4087.964	0.00000	0.02075	9.95733E-10	0.05221	8.09159E-09	0.00000
445072.99	3747685.77	3783.41483	0.00000	0.01995	9.57343E-10	0.04870	7.54761E-09	0.00000
445172.99	3747685.77	3512.21105	0.00000	0.01926	9.24232E-10	0.04521	7.00672E-09	0.00000
445272.99	3747685.77	3261.04456	0.00000	0.01872	8.98319E-10	0.04175	6.47048E-09	0.00000
445372.99	3747685.77	3030.27979	0.00000	0.01834	8.80084E-10	0.03862	5.98539E-09	0.00000
445472.99	3747685.77	2821.15994	0.00000	0.01813	8.70006E-10	0.03597	5.57469E-09	0.00000
445572.99	3747685.77	2634.42983	0.00000	0.01804	8.65688E-10	0.03383	5.24303E-09	0.00000
444172.99	3747785.77	18544.94803	0.00001	0.03674	1.76305E-09	0.11347	1.75858E-08	0.00001
444272.99	3747785.77	14858.64823	0.00001	0.03334	1.59989E-09	0.11032	1.70976E-08	0.00001
444372.99	3747785.77	12082.25381	0.00001	0.03061	1.46889E-09	0.10471	1.62281E-08	0.00001
444472.99	3747785.77	9448.67105	0.00001	0.02781	1.33452E-09	0.09310	1.44288E-08	0.00001
444572.99	3747785.77	7787.08914	0.00001	0.02604	1.24958E-09	0.08471	1.31285E-08	0.00001
444672.99	3747785.77	6670.75279	0.00000	0.02474	1.18720E-09	0.07771	1.20436E-08	0.00000
444772.99	3747785.77	5888.73293	0.00000	0.02370	1.13729E-09	0.07091	1.09897E-08	0.00000
444872.99	3747785.77	5240.66567	0.00000	0.02266	1.08739E-09	0.06433	9.96997E-09	0.00000
444972.99	3747785.77	4705.49869	0.00000	0.02173	1.04276E-09	0.05903	9.14857E-09	0.00000
445072.99	3747785.77	4253.36808	0.00000	0.02098	1.00677E-09	0.05418	8.39690E-09	0.00000
445172.99	3747785.77	3881.87272	0.00000	0.02054	9.85655E-10	0.04977	7.71344E-09	0.00000
445272.99	3747785.77	3544.08337	0.00000	0.02023	9.70779E-10	0.04552	7.05476E-09	0.00000
445372.99	3747785.77	3244.4436	0.00000	0.02002	9.60702E-10	0.04183	6.48288E-09	0.00000
445472.99	3747785.77	2992.29374	0.00000	0.01993	9.56383E-10	0.03894	6.03498E-09	0.00000
445572.99	3747785.77	2774.15687	0.00000	0.01984	9.52064E-10	0.03659	5.67078E-09	0.00000
444172.99	3747885.77	33240.16476	0.00002	0.03863	1.85374E-09	0.15375	2.38284E-08	0.00002
444272.99	3747885.77	23680.18819	0.00002	0.03495	1.67715E-09	0.14290	2.21469E-08	0.00002
444372.99	3747885.77	17233.74478	0.00001	0.03207	1.53895E-09	0.13020	2.01786E-08	0.00001
444472.99	3747885.77	12777.39524	0.00001	0.02955	1.41802E-09	0.11517	1.78492E-08	0.00001
444572.99	3747885.77	9943.186	0.00001	0.02751	1.32013E-09	0.10175	1.57694E-08	0.00001
444672.99	3747885.77	8286.85222	0.00001	0.02616	1.25534E-09	0.09223	1.42940E-08	0.00001
444772.99	3747885.77	7091.39479	0.00001	0.02502	1.20064E-09	0.08286	1.28418E-08	0.00001
444872.99	3747885.77	6124.32832	0.00000	0.02402	1.15265E-09	0.07445	1.15384E-08	0.00000
444972.99	3747885.77	5348.71797	0.00000	0.02326	1.11618E-09	0.06724	1.04210E-08	0.00000
445072.99	3747885.77	4719.54528	0.00000	0.02275	1.09171E-09	0.06048	9.37329E-09	0.00000
445172.99	3747885.77	4231.30107	0.00000	0.02253	1.08115E-09	0.05476	8.48679E-09	0.00000

445272.99	3747885.77	3819.29934	0.00000	0.02239	1.07443E-09	0.04981	7.71964E-09	0.00000
445372.99	3747885.77	3470.88282	0.00000	0.02222	1.06627E-09	0.04579	7.09661E-09	0.00000
445472.99	3747885.77	3169.76049	0.00000	0.02194	1.05284E-09	0.04247	6.58207E-09	0.00000
445572.99	3747885.77	2922.35429	0.00000	0.02160	1.03652E-09	0.03976	6.16207E-09	0.00000
444172.99	3747985.77	69403.55977	0.00005	0.04201	2.01594E-09	0.22627	3.50677E-08	0.00005
444272.99	3747985.77	38053.717	0.00003	0.03701	1.77600E-09	0.19407	3.00773E-08	0.00003
444372.99	3747985.77	23680.63396	0.00002	0.03347	1.60613E-09	0.16746	2.59532E-08	0.00002
444472.99	3747985.77	16721.43325	0.00001	0.03110	1.49240E-09	0.14444	2.23855E-08	0.00001
444572.99	3747985.77	12746.85185	0.00001	0.02935	1.40842E-09	0.12743	1.97493E-08	0.00001
444672.99	3747985.77	10154.05956	0.00001	0.02799	1.34316E-09	0.11219	1.73874E-08	0.00001
444772.99	3747985.77	8317.84214	0.00001	0.02696	1.29373E-09	0.09827	1.52300E-08	0.00001
444872.99	3747985.77	6978.88342	0.00000	0.02625	1.25966E-09	0.08700	1.34834E-08	0.00000
444972.99	3747985.77	5951.36362	0.00000	0.02574	1.23519E-09	0.07683	1.19072E-08	0.00000
445072.99	3747985.77	5174.38427	0.00000	0.02542	1.21983E-09	0.06804	1.05450E-08	0.00000
445172.99	3747985.77	4556.30981	0.00000	0.02509	1.20400E-09	0.06065	9.39964E-09	0.00000
445272.99	3747985.77	4079.85759	0.00000	0.02478	1.18912E-09	0.05507	8.53484E-09	0.00000
445372.99	3747985.77	3680.08509	0.00000	0.02430	1.16609E-09	0.05050	7.82657E-09	0.00000
445472.99	3747985.77	3343.97968	0.00000	0.02365	1.13490E-09	0.04666	7.23144E-09	0.00000
445572.99	3747985.77	3067.77965	0.00000	0.02294	1.10082E-09	0.04340	6.72620E-09	0.00000
444172.99	3748085.77	125768.571	0.00009	0.04402	2.11239E-09	0.37461	5.80577E-08	0.00009
444272.99	3748085.77	55182.21535	0.00004	0.03887	1.86526E-09	0.28945	4.48594E-08	0.00004
444372.99	3748085.77	32064.97164	0.00002	0.03573	1.71458E-09	0.23362	3.62068E-08	0.00002
444472.99	3748085.77	21397.17272	0.00002	0.03360	1.61237E-09	0.19398	3.00633E-08	0.00002
444572.99	3748085.77	15403.51962	0.00001	0.03201	1.53607E-09	0.16420	2.54480E-08	0.00001
444672.99	3748085.77	11739.6963	0.00001	0.03087	1.48136E-09	0.13905	2.15502E-08	0.00001
444772.99	3748085.77	9352.9505	0.00001	0.03012	1.44537E-09	0.11895	1.84351E-08	0.00001
444872.99	3748085.77	7689.84993	0.00001	0.02957	1.41898E-09	0.10270	1.59166E-08	0.00001
444972.99	3748085.77	6457.94902	0.00000	0.02899	1.39115E-09	0.08853	1.37205E-08	0.00000
445072.99	3748085.77	5542.73703	0.00000	0.02836	1.36091E-09	0.07712	1.19522E-08	0.00000
445172.99	3748085.77	4844.32597	0.00000	0.02764	1.32636E-09	0.06841	1.06023E-08	0.00000
445272.99	3748085.77	4296.55846	0.00000	0.02681	1.28653E-09	0.06171	9.56392E-09	0.00000
445372.99	3748085.77	3858.91041	0.00000	0.02588	1.24191E-09	0.05629	8.72392E-09	0.00000
445472.99	3748085.77	3494.07812	0.00000	0.02486	1.19296E-09	0.05165	8.00480E-09	0.00000
445572.99	3748085.77	3190.52605	0.00000	0.02383	1.14353E-09	0.04772	7.39572E-09	0.00000
444172.99	3748185.77	271548.0862	0.00019	0.04679	2.24532E-09	0.74112	1.14860E-07	0.00019
444272.99	3748185.77	76423.29123	0.00005	0.04240	2.03465E-09	0.48587	7.53009E-08	0.00005
444372.99	3748185.77	38644.88079	0.00003	0.03952	1.89645E-09	0.35230	5.46000E-08	0.00003
444472.99	3748185.77	24250.58829	0.00002	0.03761	1.80480E-09	0.27211	4.21721E-08	0.00002
444572.99	3748185.77	16987.93795	0.00001	0.03625	1.73953E-09	0.21831	3.38340E-08	0.00001
444672.99	3748185.77	12706.68232	0.00001	0.03515	1.68675E-09	0.17677	2.73961E-08	0.00001
444772.99	3748185.77	9957.5313	0.00001	0.03416	1.63924E-09	0.14555	2.25576E-08	0.00001
444872.99	3748185.77	8149.92276	0.00001	0.03334	1.59989E-09	0.12245	1.89775E-08	0.00001
444972.99	3748185.77	6793.81716	0.00000	0.03219	1.54471E-09	0.10321	1.59957E-08	0.00000
445072.99	3748185.77	5797.94747	0.00000	0.03094	1.48472E-09	0.08894	1.37841E-08	0.00000
445172.99	3748185.77	5040.12308	0.00000	0.02963	1.42186E-09	0.07827	1.21304E-08	0.00000
445272.99	3748185.77	4451.37474	0.00000	0.02830	1.35804E-09	0.06993	1.08379E-08	0.00000
445372.99	3748185.77	3979.39479	0.00000	0.02698	1.29469E-09	0.06309	9.77779E-09	0.00000
445472.99	3748185.77	3594.24064	0.00000	0.02572	1.23423E-09	0.05744	8.90215E-09	0.00000
445572.99	3748185.77	3275.05194	0.00000	0.02454	1.17760E-09	0.05279	8.18148E-09	0.00000
444172.99	3748285.77	112757.4259	0.00008	0.05242	2.51548E-09	1.66080	2.57393E-07	0.00008
444272.99	3748285.77	58495.70806	0.00004	0.04861	2.33265E-09	0.87178	1.35110E-07	0.00004
444372.99	3748285.77	34514.28693	0.00002	0.04597	2.20597E-09	0.56244	8.71679E-08	0.00002
444472.99	3748285.77	22932.38877	0.00002	0.04379	2.10136E-09	0.39748	6.16021E-08	0.00002
444572.99	3748285.77	16575.04908	0.00001	0.04200	2.01546E-09	0.29752	4.61101E-08	0.00001
444672.99	3748285.77	12630.15873	0.00001	0.04026	1.93196E-09	0.22886	3.54691E-08	0.00001
444772.99	3748285.77	10051.91726	0.00001	0.03860	1.85230E-09	0.18170	2.81602E-08	0.00001
444872.99	3748285.77	8208.93282	0.00001	0.03672	1.76209E-09	0.14653	2.27095E-08	0.00001
444972.99	3748285.77	6870.58354	0.00000	0.03479	1.66947E-09	0.12134	1.88055E-08	0.00000
445072.99	3748285.77	5881.58594	0.00000	0.03294	1.58070E-09	0.10341	1.60267E-08	0.00000

445172.99	3748285.77	5111.9434	0.00000	0.03112	1.49336E-09	0.08979	1.39158E-08	0.00000
445272.99	3748285.77	4517.07364	0.00000	0.02948	1.41466E-09	0.07928	1.22869E-08	0.00000
445372.99	3748285.77	4036.17234	0.00000	0.02795	1.34124E-09	0.07092	1.09913E-08	0.00000
445472.99	3748285.77	3651.72527	0.00000	0.02656	1.27454E-09	0.06411	9.93587E-09	0.00000
445572.99	3748285.77	3324.81218	0.00000	0.02530	1.21407E-09	0.05841	9.05248E-09	0.00000
444172.99	3748385.77	27903.01	0.00002	0.06248	2.99823E-09	5.01883	7.77826E-07	0.00002
444272.99	3748385.77	25607.23942	0.00002	0.05785	2.77605E-09	1.66727	2.58396E-07	0.00002
444372.99	3748385.77	21654.46572	0.00002	0.05419	2.60042E-09	0.90619	1.40443E-07	0.00002
444472.99	3748385.77	17471.82371	0.00001	0.05107	2.45070E-09	0.58296	9.03481E-08	0.00001
444572.99	3748385.77	13958.69794	0.00001	0.04800	2.30338E-09	0.40285	6.24344E-08	0.00001
444672.99	3748385.77	11336.04057	0.00001	0.04514	2.16614E-09	0.29432	4.56142E-08	0.00001
444772.99	3748385.77	9365.27397	0.00001	0.04235	2.03225E-09	0.22377	3.46802E-08	0.00001
444872.99	3748385.77	7849.57679	0.00001	0.03959	1.89981E-09	0.17593	2.72659E-08	0.00001
444972.99	3748385.77	6658.06987	0.00000	0.03688	1.76976E-09	0.14278	2.21283E-08	0.00000
445072.99	3748385.77	5770.0966	0.00000	0.03459	1.65987E-09	0.12003	1.86024E-08	0.00000
445172.99	3748385.77	5049.20906	0.00000	0.03245	1.55718E-09	0.10279	1.59306E-08	0.00000
445272.99	3748385.77	4489.14264	0.00000	0.03060	1.46841E-09	0.08982	1.39205E-08	0.00000
445372.99	3748385.77	4028.40022	0.00000	0.02896	1.38971E-09	0.07950	1.23210E-08	0.00000
445472.99	3748385.77	3652.96057	0.00000	0.02752	1.32061E-09	0.07099	1.10021E-08	0.00000
445572.99	3748385.77	3325.52357	0.00000	0.02613	1.25390E-09	0.06378	9.88473E-09	0.00000
444172.99	3748485.77	14389.42677	0.00001	0.07524	3.61055E-09	10.99067	1.70335E-06	0.00001
444272.99	3748485.77	13668.18808	0.00001	0.06870	3.29671E-09	4.14076	6.41742E-07	0.00001
444372.99	3748485.77	13181.27867	0.00001	0.06349	3.04670E-09	1.56610	2.42717E-07	0.00001
444472.99	3748485.77	12111.911	0.00001	0.05844	2.80437E-09	0.86227	1.33636E-07	0.00001
444572.99	3748485.77	10748.59512	0.00001	0.05371	2.57739E-09	0.54597	8.46153E-08	0.00001
444672.99	3748485.77	9372.33745	0.00001	0.04936	2.36864E-09	0.37433	5.80143E-08	0.00001
444772.99	3748485.77	8132.53549	0.00001	0.04543	2.18005E-09	0.27290	4.22945E-08	0.00001
444872.99	3748485.77	7099.27686	0.00001	0.04206	2.01834E-09	0.21045	3.26159E-08	0.00001
444972.99	3748485.77	6205.60116	0.00000	0.03897	1.87006E-09	0.16837	2.60943E-08	0.00000
445072.99	3748485.77	5450.70428	0.00000	0.03620	1.73713E-09	0.13855	2.14727E-08	0.00000
445172.99	3748485.77	4854.94957	0.00000	0.03394	1.62868E-09	0.11727	1.81747E-08	0.00000
445272.99	3748485.77	4345.63388	0.00000	0.03188	1.52983E-09	0.10070	1.56067E-08	0.00000
445372.99	3748485.77	3933.68514	0.00000	0.03017	1.44777E-09	0.08770	1.35919E-08	0.00000
445472.99	3748485.77	3572.81199	0.00000	0.02856	1.37051E-09	0.07710	1.19491E-08	0.00000
445572.99	3748485.77	3266.51481	0.00000	0.02714	1.30237E-09	0.06841	1.06023E-08	0.00000
443047.86	3748855.7	14171.13749	0.00001	1.16706	5.60038E-08	0.04334	6.71690E-09	0.00001
443030.11	3748868.74	11992.64865	0.00001	0.99029	4.75212E-08	0.04221	6.54177E-09	0.00001
443016.91	3748884.58	10350.56362	0.00001	0.88024	4.22402E-08	0.04123	6.38989E-09	0.00001
442999.31	3748898.66	9034.65197	0.00001	0.76221	3.65763E-08	0.04016	6.22406E-09	0.00001
442983.47	3748918.02	7842.44673	0.00001	0.67038	3.21696E-08	0.03908	6.05668E-09	0.00001
442962.35	3748934.74	6904.37202	0.00000	0.57481	2.75835E-08	0.03792	5.87690E-09	0.00000
442947.39	3748948.82	6310.52306	0.00000	0.51727	2.48223E-08	0.03711	5.75137E-09	0.00000
442935.07	3748963.78	5818.11448	0.00000	0.47339	2.27166E-08	0.03639	5.63978E-09	0.00000
442916.59	3748985.78	5195.69148	0.00000	0.41469	1.98998E-08	0.03527	5.46620E-09	0.00000
442898.98	3749001.62	4788.94045	0.00000	0.36979	1.77452E-08	0.03437	5.32672E-09	0.00000
442881.38	3749017.46	4455.71398	0.00000	0.33228	1.59452E-08	0.03360	5.20738E-09	0.00000
442868.18	3749033.31	4184.73303	0.00000	0.30498	1.46351E-08	0.03294	5.10509E-09	0.00000
442854.1	3749046.51	3972.50507	0.00000	0.28105	1.34868E-08	0.03237	5.01676E-09	0.00000
442832.98	3749062.35	3725.21602	0.00000	0.25129	1.20587E-08	0.03157	4.89277E-09	0.00000
442816.26	3749081.71	3495.49838	0.00000	0.22807	1.09444E-08	0.03085	4.78118E-09	0.00000
442801.3	3749094.91	3342.89086	0.00000	0.21126	1.01378E-08	0.03030	4.69594E-09	0.00000
442780.18	3749111.63	3158.19132	0.00000	0.19090	9.16074E-09	0.02953	4.57661E-09	0.00000
442764.34	3749127.47	3016.92318	0.00000	0.17669	8.47884E-09	0.02897	4.48982E-09	0.00000
442750.26	3749130.11	2966.96196	0.00000	0.16864	8.09255E-09	0.02865	4.44022E-09	0.00000
442722.1	3749138.03	2857.14773	0.00000	0.15355	7.36842E-09	0.02800	4.33949E-09	0.00000
442705.38	3749146.83	2772.46864	0.00000	0.14457	6.93750E-09	0.02754	4.26819E-09	0.00000
442678.1	3749144.19	2716.71694	0.00000	0.13481	6.46914E-09	0.02701	4.18605E-09	0.00000
442659.62	3749147.71	2656.48695	0.00000	0.12784	6.13467E-09	0.02660	4.12251E-09	0.00000
442638.49	3749145.07	2615.79043	0.00000	0.12161	5.83571E-09	0.02622	4.06362E-09	0.00000

442662.26	3749101.07	2861.32324	0.00000	0.13666	6.55792E-09	0.02719	4.21395E-09	0.00000
442694.82	3749095.79	2989.7465	0.00000	0.15076	7.23454E-09	0.02794	4.33019E-09	0.00000
442709.78	3749094.03	3048.53311	0.00000	0.15790	7.57717E-09	0.02829	4.38443E-09	0.00000
442730.02	3749086.99	3157.36855	0.00000	0.16957	8.13717E-09	0.02884	4.46967E-09	0.00000
442752.02	3749068.51	3353.70533	0.00000	0.18672	8.96015E-09	0.02960	4.58746E-09	0.00000
442796.9	3749035.94	3802.69619	0.00000	0.22884	1.09814E-08	0.03120	4.83543E-09	0.00000
442817.14	3749007.78	4178.20618	0.00000	0.25664	1.23154E-08	0.03219	4.98886E-09	0.00000
442845.3	3748987.54	4597.92385	0.00000	0.29572	1.41907E-08	0.03328	5.15779E-09	0.00000
442865.54	3748973.46	4948.46134	0.00000	0.32894	1.57849E-08	0.03408	5.28177E-09	0.00000
442840.9	3748956.74	4934.34579	0.00000	0.29743	1.42728E-08	0.03366	5.21668E-09	0.00000
442888.42	3748944.42	5647.42634	0.00000	0.37644	1.80643E-08	0.03535	5.47860E-09	0.00000
442871.7	3748932.1	5638.07099	0.00000	0.34792	1.66957E-08	0.03505	5.43211E-09	0.00000
442872.58	3748910.98	5995.9995	0.00000	0.35178	1.68809E-08	0.03542	5.48945E-09	0.00000
442880.5	3748896.9	6374.41491	0.00000	0.36682	1.76026E-08	0.03591	5.56539E-09	0.00000
442906.02	3748895.14	6893.32328	0.00000	0.42037	2.01723E-08	0.03682	5.70642E-09	0.00000
442925.39	3748905.7	7042.61971	0.00001	0.46767	2.24421E-08	0.03736	5.79011E-09	0.00001
442928.03	3748871.38	8013.78653	0.00001	0.47456	2.27728E-08	0.03808	5.90170E-09	0.00001
442942.99	3748881.94	8113.51119	0.00001	0.52148	2.50243E-08	0.03844	5.95749E-09	0.00001
442959.71	3748871.38	8974.63135	0.00001	0.58004	2.78344E-08	0.03929	6.08923E-09	0.00001
442923.63	3748842.34	8708.83507	0.00001	0.45462	2.18159E-08	0.03843	5.95594E-09	0.00001
442937.71	3748821.22	9915.24179	0.00001	0.48229	2.31437E-08	0.03939	6.10473E-09	0.00001
442971.15	3748822.98	11528.31724	0.00001	0.60302	2.89372E-08	0.04072	6.31085E-09	0.00001
442986.11	3748841.46	11429.097	0.00001	0.68802	3.30161E-08	0.04095	6.34650E-09	0.00001
442985.23	3748812.42	12978.31405	0.00001	0.65520	3.14412E-08	0.04155	6.43949E-09	0.00001
443001.95	3748822.1	13633.86993	0.00001	0.75575	3.62663E-08	0.04211	6.52628E-09	0.00001
443063.55	3748836.18	17934.76257	0.00001	1.36712	6.56041E-08	0.04461	6.91373E-09	0.00001
443064.43	3748815.06	21406.31899	0.00002	1.34855	6.47130E-08	0.04516	6.99897E-09	0.00002
443051.23	3748791.3	22617.50375	0.00002	1.11035	5.32825E-08	0.04490	6.95868E-09	0.00002
443003.71	3748799.22	15371.88114	0.00001	0.73147	3.51011E-08	0.04268	6.61462E-09	0.00001
442974.67	3748795.7	13079.5194	0.00001	0.58480	2.80629E-08	0.04143	6.42089E-09	0.00001
443038.91	3748779.86	21798.73911	0.00002	0.94633	4.54116E-08	0.04457	6.90753E-09	0.00002
443027.47	3748759.62	21675.5003	0.00002	0.78575	3.77059E-08	0.04447	6.89203E-09	0.00002
443023.95	3748743.77	22130.89324	0.00002	0.71380	3.42532E-08	0.04457	6.90753E-09	0.00002
443008.99	3748724.41	20359.73925	0.00001	0.58681	2.81593E-08	0.04419	6.84864E-09	0.00001
443008.99	3748702.41	20920.95939	0.00001	0.53777	2.58060E-08	0.04448	6.89358E-09	0.00001
443097.87	3748795.7	34177.05048	0.00002	1.95322	9.37294E-08	0.04726	7.32443E-09	0.00002
443090.83	3748778.98	36527.86594	0.00003	1.64624	7.89983E-08	0.04718	7.31203E-09	0.00003
443071.47	3748764.02	31902.09639	0.00002	1.22132	5.86076E-08	0.04636	7.18495E-09	0.00002
443064.43	3748742.01	32058.23154	0.00002	1.01173	4.85500E-08	0.04632	7.17875E-09	0.00002
443051.23	3748723.53	29056.84445	0.00002	0.82158	3.94253E-08	0.04586	7.10746E-09	0.00002
443042.43	3748707.69	27478.99595	0.00002	0.70747	3.39494E-08	0.04572	7.08576E-09	0.00002
443042.43	3748691.85	27719.30172	0.00002	0.65272	3.13221E-08	0.04593	7.11831E-09	0.00002
443141.87	3748742.01	114355.7284	0.00008	2.29450	1.10106E-07	0.05108	7.91646E-09	0.00008
443121.63	3748726.17	75143.51352	0.00005	1.53496	7.36583E-08	0.05008	7.76148E-09	0.00005
443107.55	3748705.05	58050.29218	0.00004	1.11935	5.37144E-08	0.04950	7.67159E-09	0.00004
443088.19	3748676.01	43226.93026	0.00003	0.78875	3.78498E-08	0.04866	7.54141E-09	0.00003
443145.39	3748708.57	116226.1138	0.00008	1.53184	7.35086E-08	0.05203	8.06369E-09	0.00008
443176.19	3748679.53	181595.5596	0.00013	1.23576	5.93006E-08	0.05489	8.50694E-09	0.00013
443103.15	3748670.73	51264.61368	0.00004	0.82510	3.95942E-08	0.04970	7.70259E-09	0.00004
443230.76	3748790.42	179843.0216	0.00013	18.60532	8.92816E-07	0.05699	8.83240E-09	0.00013
443242.2	3748767.54	291404.1265	0.00021	6.59912	3.16673E-07	0.05870	9.09742E-09	0.00021
443255.4	3748742.89	345245.9334	0.00025	3.31496	1.59075E-07	0.06054	9.38259E-09	0.00025
443265.08	3748712.97	398094.0958	0.00028	1.91868	9.20719E-08	0.06226	9.64916E-09	0.00028
443278.28	3748687.45	390396.0472	0.00028	1.34529	6.45566E-08	0.06411	9.93587E-09	0.00028
443297.64	3748659.29	374814.4172	0.00027	0.95696	4.59217E-08	0.06698	1.03807E-08	0.00027
443306.44	3748793.94	83032.96806	0.00006	5.89623	2.82943E-07	0.06292	9.75144E-09	0.00006
443339.88	3748786.02	73035.16324	0.00005	3.56274	1.70966E-07	0.06663	1.03264E-08	0.00005
443371.56	3748768.42	70293.41382	0.00005	2.13893	1.02641E-07	0.07132	1.10533E-08	0.00005
443392.68	3748756.98	66173.12539	0.00005	1.62583	7.80189E-08	0.07456	1.15554E-08	0.00005

443418.2	3748739.37	62226.74025	0.00004	1.17862	5.65586E-08	0.07897	1.22389E-08	0.00004
443444.6	3748724.41	57031.91171	0.00004	0.91862	4.40819E-08	0.08352	1.29441E-08	0.00004
443471.89	3748711.21	50234.33131	0.00004	0.73086	3.50719E-08	0.08915	1.38166E-08	0.00004
443496.53	3748694.49	46372.8004	0.00003	0.59044	2.83335E-08	0.09487	1.47031E-08	0.00003
443525.57	3748681.29	42114.71367	0.00003	0.49316	2.36653E-08	0.10159	1.57446E-08	0.00003
443548.45	3748668.09	38792.6601	0.00003	0.42023	2.01656E-08	0.10820	1.67690E-08	0.00003
443583.65	3748651.37	34857.93969	0.00002	0.34539	1.65743E-08	0.11898	1.84397E-08	0.00002
443383	3748960.26	10878.10715	0.00001	5.96445	2.86217E-07	0.06334	9.81654E-09	0.00001
443380.36	3748936.5	13162.70203	0.00001	5.89136	2.82709E-07	0.06440	9.98082E-09	0.00001
443370.68	3748910.1	16729.74334	0.00001	6.18113	2.96615E-07	0.06489	1.00568E-08	0.00001
443386.52	3748896.02	18937.32425	0.00001	4.83508	2.32022E-07	0.06725	1.04225E-08	0.00001
443423.48	3748874.9	21499.97367	0.00002	2.97689	1.42852E-07	0.07268	1.12641E-08	0.00002
443448.13	3748859.94	22833.34409	0.00002	2.21746	1.06410E-07	0.07675	1.18948E-08	0.00002
443465.73	3748849.38	23466.30429	0.00002	1.82300	8.74805E-08	0.07986	1.23768E-08	0.00002
443497.41	3748829.14	24052.65897	0.00002	1.30052	6.24082E-08	0.08615	1.33517E-08	0.00002
443513.25	3748820.34	23924.61531	0.00002	1.11900	5.36976E-08	0.08948	1.38678E-08	0.00002
443539.65	3748809.78	23240.34052	0.00002	0.91433	4.38761E-08	0.09491	1.47093E-08	0.00002
443559.89	3748803.62	22509.30146	0.00002	0.80175	3.84737E-08	0.09921	1.53757E-08	0.00002
443581.89	3748796.58	21701.74427	0.00002	0.69818	3.35036E-08	0.10434	1.61708E-08	0.00002
443602.13	3748793.06	20666.7136	0.00001	0.62524	3.00035E-08	0.10925	1.69317E-08	0.00001
443624.13	3748791.3	19495.72753	0.00001	0.56369	2.70499E-08	0.11477	1.77872E-08	0.00001
443642.61	3748786.9	18884.19779	0.00001	0.51578	2.47508E-08	0.11991	1.85838E-08	0.00001
443661.09	3748783.38	18202.76256	0.00001	0.47409	2.27502E-08	0.12542	1.94378E-08	0.00001
443683.97	3748786.02	16983.84991	0.00001	0.43928	2.10798E-08	0.13201	2.04591E-08	0.00001
443535.25	3748597.69	47732.32616	0.00003	0.30735	1.47488E-08	0.11191	1.73440E-08	0.00003
443511.49	3748617.05	51727.76789	0.00004	0.36228	1.73848E-08	0.10432	1.61677E-08	0.00004
443491.25	3748637.29	54899.55232	0.00004	0.42749	2.05140E-08	0.09835	1.52424E-08	0.00004
443468.37	3748647.85	61792.17361	0.00004	0.49445	2.37272E-08	0.09287	1.43931E-08	0.00004
443441.08	3748674.25	66546.43972	0.00005	0.63096	3.02779E-08	0.08672	1.34400E-08	0.00005
443414.68	3748689.21	77215.85396	0.00006	0.78643	3.77385E-08	0.08154	1.26372E-08	0.00006
443389.16	3748705.93	89936.25782	0.00006	1.01202	4.85639E-08	0.07680	1.19026E-08	0.00006
443307.32	3748632.01	374757.0644	0.00027	0.73870	3.54481E-08	0.06894	1.06844E-08	0.00027
443322.28	3748600.33	339854.9257	0.00024	0.57308	2.75005E-08	0.07187	1.11385E-08	0.00024
443336.36	3748572.17	300745.3694	0.00021	0.46485	2.23068E-08	0.07477	1.15880E-08	0.00021
443355.72	3748617.05	201247.5203	0.00014	0.60380	2.89746E-08	0.07534	1.16763E-08	0.00014
443377.72	3748583.61	182351.0601	0.00013	0.47082	2.25933E-08	0.07962	1.23396E-08	0.00013
443387.4	3748555.45	181431.5185	0.00013	0.40157	1.92702E-08	0.08235	1.27627E-08	0.00013
443399.72	3748531.69	178881.8802	0.00013	0.35276	1.69279E-08	0.08505	1.31812E-08	0.00013
443409.4	3748510.56	179965.189	0.00013	0.31618	1.51726E-08	0.08736	1.35392E-08	0.00013
443339.88	3748550.17	322836.16	0.00023	0.40894	1.96238E-08	0.07589	1.17616E-08	0.00023
443358.36	3748517.61	262897.6011	0.00019	0.33399	1.60272E-08	0.07979	1.23660E-08	0.00019
443360.12	3748489.44	301059.6434	0.00021	0.29734	1.42685E-08	0.08060	1.24915E-08	0.00021
443372.44	3748464.8	357437.2052	0.00025	0.27139	1.30232E-08	0.08275	1.28247E-08	0.00025
443394.44	3748441.04	299324.856	0.00021	0.23966	1.15006E-08	0.08757	1.35717E-08	0.00021
443497.41	3748439.28	123454.0377	0.00009	0.21416	1.02769E-08	0.11012	1.70666E-08	0.00009
443522.05	3748422.56	99710.2793	0.00007	0.19356	9.28839E-09	0.11921	1.84754E-08	0.00007
443541.41	3748404.08	83450.9394	0.00006	0.17629	8.45965E-09	0.12735	1.97369E-08	0.00006
443557.25	3748392.64	70559.23813	0.00005	0.16445	7.89148E-09	0.13455	2.08528E-08	0.00005
443580.13	3748376.8	57926.20855	0.00004	0.15282	7.33339E-09	0.14533	2.25235E-08	0.00004
443602.13	3748365.36	48663.7626	0.00003	0.14348	6.88519E-09	0.15713	2.43523E-08	0.00003
443623.25	3748346	41209.69743	0.00003	0.13391	6.42595E-09	0.17062	2.64430E-08	0.00003
443653.17	3748335.44	35562.58054	0.00003	0.12619	6.05549E-09	0.19182	2.97286E-08	0.00003
443671.65	3748321.36	32249.80233	0.00002	0.11948	5.73350E-09	0.20889	3.23741E-08	0.00002
443508.85	3748368.88	104760.0974	0.00007	0.16704	8.01577E-09	0.11796	1.82816E-08	0.00007
443479.81	3748380.32	159233.6109	0.00011	0.18019	8.64680E-09	0.10869	1.68450E-08	0.00011
443526.45	3748355.68	81714.0061	0.00006	0.15704	7.53590E-09	0.12442	1.92828E-08	0.00006
443548.45	3748339.84	62270.56334	0.00004	0.14651	7.03059E-09	0.13324	2.06498E-08	0.00004
443571.33	3748324	49504.06421	0.00004	0.13798	6.62126E-09	0.14346	2.22337E-08	0.00004
443590.69	3748310.8	41632.25143	0.00003	0.13064	6.26904E-09	0.15342	2.37773E-08	0.00003

443612.69	3748296.72	35227.26525	0.00003	0.12227	5.86738E-09	0.16654	2.58106E-08	0.00003
443636.45	3748282.64	31052.43241	0.00002	0.11520	5.52812E-09	0.18290	2.83461E-08	0.00002
443654.93	3748265.92	28331.39364	0.00002	0.10826	5.19508E-09	0.19783	3.06600E-08	0.00002
443672.53	3748246.56	26692.40286	0.00002	0.10162	4.87645E-09	0.21382	3.31382E-08	0.00002
443689.25	3748231.6	26176.42824	0.00002	0.09609	4.61108E-09	0.23038	3.57047E-08	0.00002
443706.85	3748215.75	26549.62159	0.00002	0.09111	4.37211E-09	0.24940	3.86524E-08	0.00002
443691.02	3748297.6	29074.70002	0.00002	0.11046	5.30066E-09	0.23200	3.59557E-08	0.00002
443707.74	3748282.64	27487.8014	0.00002	0.10320	4.95227E-09	0.25545	3.95901E-08	0.00002
443725.34	3748266.8	26719.56472	0.00002	0.09571	4.59285E-09	0.28327	4.39016E-08	0.00002
443741.18	3748257.12	26829.51475	0.00002	0.09082	4.35819E-09	0.30991	4.80304E-08	0.00002
443759.66	3748243.04	28088.64176	0.00002	0.08760	4.20367E-09	0.35350	5.47860E-08	0.00002
443773.74	3748221.03	30388.66714	0.00002	0.08257	3.96230E-09	0.38497	5.96633E-08	0.00002
443794.86	3748203.43	34907.21817	0.00002	0.07863	3.77323E-09	0.45201	7.00532E-08	0.00002
443813.34	3748185.83	42011.77903	0.00003	0.07565	3.63023E-09	0.52587	8.15002E-08	0.00003
443824.78	3748163.83	53394.73491	0.00004	0.07271	3.48914E-09	0.53998	8.36870E-08	0.00004
443842.38	3748150.63	72653.18653	0.00005	0.07049	3.38261E-09	0.61005	9.45465E-08	0.00005
443794.86	3748123.35	51983.71077	0.00004	0.07120	3.41668E-09	0.33390	5.17484E-08	0.00004
443808.06	3748106.63	65999.68934	0.00005	0.06927	3.32407E-09	0.33863	5.24814E-08	0.00005
443773.74	3748145.35	39739.6891	0.00003	0.07490	3.59423E-09	0.31757	4.92175E-08	0.00003
443762.3	3748169.11	34294.43178	0.00002	0.07859	3.77131E-09	0.31949	4.95151E-08	0.00002
443749.1	3748183.19	31152.1465	0.00002	0.08163	3.91719E-09	0.30388	4.70958E-08	0.00002
443724.46	3748197.27	27977.91779	0.00002	0.08641	4.14657E-09	0.26876	4.16529E-08	0.00002
443669.01	3748506.17	34651.95127	0.00002	0.16757	8.04120E-09	0.17415	2.69901E-08	0.00002
443691.02	3748531.69	30302.73242	0.00002	0.16827	8.07479E-09	0.18149	2.81276E-08	0.00002
443709.5	3748544.89	27849.60101	0.00002	0.16773	8.04888E-09	0.18902	2.92946E-08	0.00002
443731.5	3748574.81	25066.78318	0.00002	0.17863	8.57194E-09	0.19309	2.99254E-08	0.00002
443760.54	3748588.01	22722.39388	0.00002	0.17756	8.52059E-09	0.20656	3.20130E-08	0.00002
443782.54	3748564.25	22128.15229	0.00002	0.15708	7.53782E-09	0.23168	3.59061E-08	0.00002
443807.18	3748539.61	21557.4751	0.00002	0.14048	6.74123E-09	0.26465	4.10159E-08	0.00002
443826.54	3748515.85	21267.23846	0.00002	0.12810	6.14715E-09	0.29966	4.64418E-08	0.00002
443852.94	3748491.21	20764.81459	0.00001	0.11605	5.56890E-09	0.35582	5.51456E-08	0.00001
443863.5	3748470.08	20965.3624	0.00001	0.10896	5.22868E-09	0.39666	6.14750E-08	0.00002
443881.98	3748439.28	21413.06287	0.00002	0.09933	4.76656E-09	0.48378	7.49770E-08	0.00002
443881.1	3748410.24	22647.1124	0.00002	0.09414	4.51751E-09	0.53799	8.33786E-08	0.00002
443899.59	3748423.44	21747.59464	0.00002	0.09391	4.50647E-09	0.57132	8.85441E-08	0.00002
443891.66	3748384.72	23979.53414	0.00002	0.08859	4.25118E-09	0.64670	1.00227E-07	0.00002
443911.07	3748370.97	25288.5036	0.00002	0.08415	4.03812E-09	0.80744	1.25138E-07	0.00002
443929.51	3748345.54	28982.89418	0.00002	0.07917	3.79914E-09	1.12823	1.74855E-07	0.00002
443939.05	3748329.01	32615.46706	0.00002	0.07629	3.66094E-09	1.44649	2.24179E-07	0.00002
443954.95	3748309.93	39804.73799	0.00003	0.07269	3.48818E-09	2.22906	3.45463E-07	0.00003
443975.29	3748291.49	54383.17425	0.00004	0.06867	3.29528E-09	4.62242	7.16390E-07	0.00004
443932.69	3748260.34	49181.8905	0.00004	0.07062	3.38885E-09	3.15105	4.88355E-07	0.00004
443907.9	3748288.95	36072.72133	0.00003	0.07634	3.66334E-09	1.40573	2.17862E-07	0.00003
443892	3748306.75	31362.67639	0.00002	0.07984	3.83129E-09	1.00918	1.56404E-07	0.00002
443878.65	3748325.19	28326.51424	0.00002	0.08332	3.99829E-09	0.78967	1.22384E-07	0.00002
443864.66	3748341.09	26471.44893	0.00002	0.08690	4.17008E-09	0.64723	1.00309E-07	0.00002
443848.13	3748357.62	25293.70991	0.00002	0.09170	4.40042E-09	0.53169	8.24022E-08	0.00002
443829.69	3748376.69	24687.20401	0.00002	0.09708	4.65859E-09	0.44176	6.84647E-08	0.00002
443795.99	3748384.96	25439.41717	0.00002	0.10430	5.00506E-09	0.35558	5.51084E-08	0.00002
443774.37	3748402.76	26248.51465	0.00002	0.11110	5.33137E-09	0.30649	4.75003E-08	0.00002
443747.03	3748423.75	28105.4003	0.00002	0.12136	5.82372E-09	0.25974	4.02549E-08	0.00002
443723.5	3748442.19	29985.08263	0.00002	0.13046	6.26040E-09	0.22950	3.55683E-08	0.00002
443705.7	3748458.72	31305.80655	0.00002	0.13769	6.60735E-09	0.21025	3.25849E-08	0.00002
443678.36	3748482.88	34415.73969	0.00002	0.15520	7.44760E-09	0.18466	2.86189E-08	0.00002
443730.5	3748499.41	27782.89895	0.00002	0.14289	6.85688E-09	0.21665	3.35768E-08	0.00002
443747.03	3748481.61	26892.66657	0.00002	0.13315	6.38948E-09	0.23677	3.66950E-08	0.00002
443773.1	3748465.71	25522.26179	0.00002	0.12426	5.96288E-09	0.26889	4.16730E-08	0.00002
443753.39	3748477.79	26544.93049	0.00002	0.13094	6.28343E-09	0.24395	3.78078E-08	0.00002
443778.19	3748500.05	24326.41386	0.00002	0.13241	6.35397E-09	0.25708	3.98427E-08	0.00002

443792.17	3748480.97	24036.85239	0.00002	0.12460	5.97919E-09	0.28141	4.36134E-08	0.00002
443816.97	3748455.54	23275.9873	0.00002	0.11355	5.44894E-09	0.33145	5.13687E-08	0.00002
443801.08	3748442.82	24343.54133	0.00002	0.11384	5.46285E-09	0.31767	4.92330E-08	0.00002
443815.7	3748424.38	24002.23421	0.00002	0.10744	5.15574E-09	0.35637	5.52308E-08	0.00002
443834.14	3748437.73	22954.04185	0.00002	0.10672	5.12118E-09	0.37697	5.84234E-08	0.00002
443855.06	3748084.13	166463.6744	0.00012	0.06504	3.12108E-09	0.39582	6.13448E-08	0.00012
443836.57	3748062.13	124090.0837	0.00009	0.06437	3.08893E-09	0.30969	4.79963E-08	0.00009
443812.81	3748041	89410.62465	0.00006	0.06350	3.04718E-09	0.24763	3.83781E-08	0.00006
443769.68	3747996.11	52012.09376	0.00004	0.06030	2.89362E-09	0.17551	2.72008E-08	0.00004
443828.65	3748013.72	122709.576	0.00009	0.06054	2.90514E-09	0.22811	3.53529E-08	0.00009
443816.33	3747989.95	95020.51896	0.00007	0.05803	2.78469E-09	0.19407	3.00773E-08	0.00007
443813.69	3747954.75	82222.10061	0.00006	0.05449	2.61482E-09	0.16298	2.52589E-08	0.00006
443764.4	3747961.79	46064.67245	0.00003	0.05701	2.73575E-09	0.15133	2.34534E-08	0.00003
443730.07	3747945.06	32735.37086	0.00002	0.05700	2.73527E-09	0.13340	2.06745E-08	0.00002
443706.31	3747923.06	26784.12956	0.00002	0.05690	2.73047E-09	0.12117	1.87791E-08	0.00002
443688.7	3747902.81	22839.07116	0.00002	0.05633	2.70311E-09	0.11178	1.73238E-08	0.00002
443664.94	3747880.81	18666.59464	0.00001	0.05537	2.65705E-09	0.10128	1.56965E-08	0.00001
443646.45	3747852.64	15773.52305	0.00001	0.05394	2.58842E-09	0.09224	1.42955E-08	0.00001
443619.17	3747824.48	13454.06423	0.00001	0.05294	2.54044E-09	0.08439	1.30789E-08	0.00001
443604.2	3747805.99	12575.07414	0.00001	0.05241	2.51500E-09	0.08084	1.25287E-08	0.00001
443618.29	3747776.95	12052.83553	0.00001	0.05016	2.40703E-09	0.07754	1.20173E-08	0.00001
443639.41	3747752.3	11651.65924	0.00001	0.04796	2.30146E-09	0.07501	1.16252E-08	0.00001
443670.22	3747725.02	11202.80157	0.00001	0.04555	2.18581E-09	0.07289	1.12966E-08	0.00001
443702.78	3747688.05	10381.86392	0.00001	0.04294	2.06057E-09	0.07023	1.08844E-08	0.00001
443684.3	3747671.33	9558.28329	0.00001	0.04259	2.04377E-09	0.06687	1.03636E-08	0.00001
443719.51	3747704.77	11386.11707	0.00001	0.04327	2.07640E-09	0.07393	1.14578E-08	0.00001
443730.07	3747724.14	12699.06424	0.00001	0.04398	2.11047E-09	0.07837	1.21459E-08	0.00001
443752.96	3747739.98	14570.75383	0.00001	0.04419	2.12055E-09	0.08388	1.29999E-08	0.00001
443766.16	3747760.23	17114.82858	0.00001	0.04511	2.16470E-09	0.09024	1.39855E-08	0.00001
443789.04	3747782.23	20995.49939	0.00001	0.04558	2.18725E-09	0.09757	1.51216E-08	0.00001
443802.25	3747798.07	24801.03203	0.00002	0.04615	2.21461E-09	0.10320	1.59941E-08	0.00002
443819.85	3747817.44	32577.52929	0.00002	0.04714	2.26211E-09	0.11165	1.73037E-08	0.00002
443838.33	3747832.4	43416.80621	0.00003	0.04773	2.29042E-09	0.11898	1.84397E-08	0.00003
443855.06	3747848.24	62022.13256	0.00004	0.04829	2.31730E-09	0.12664	1.96269E-08	0.00004
443868.26	3747867.61	97310.486	0.00007	0.04896	2.34945E-09	0.13570	2.10310E-08	0.00007
443885.86	3747890.49	150303.7487	0.00011	0.04954	2.37728E-09	0.14790	2.29218E-08	0.00011
443905.23	3747909.86	194376.1798	0.00014	0.05010	2.40415E-09	0.16193	2.50962E-08	0.00014
443919.31	3747930.1	279907.8821	0.00020	0.05155	2.47374E-09	0.18190	2.81912E-08	0.00020
443942.2	3747945.94	378311.3485	0.00027	0.05380	2.58171E-09	0.20269	3.14132E-08	0.00027
443955.4	3747961.79	406087.1623	0.00029	0.05356	2.57019E-09	0.22159	3.43424E-08	0.00029
443984.44	3747930.1	159830.2049	0.00011	0.05010	2.40415E-09	0.19292	2.98991E-08	0.00011
443991.49	3747911.62	112686.983	0.00008	0.04869	2.33649E-09	0.17754	2.75154E-08	0.00008
443994.13	3747889.61	83653.35039	0.00006	0.04774	2.29090E-09	0.16266	2.52093E-08	0.00006
444004.69	3747868.49	57483.84121	0.00004	0.04543	2.18005E-09	0.14899	2.30907E-08	0.00004
444006.45	3747849.12	46129.6562	0.00003	0.04448	2.13447E-09	0.13843	2.14541E-08	0.00003
444014.37	3747831.52	37672.75877	0.00003	0.04342	2.08360E-09	0.12996	2.01414E-08	0.00003
444017.01	3747807.75	31049.21938	0.00002	0.04266	2.04713E-09	0.12123	1.87884E-08	0.00002
444024.93	3747790.15	26939.9702	0.00002	0.04191	2.01114E-09	0.11546	1.78942E-08	0.00002
444036.38	3747768.15	22900.12125	0.00002	0.04092	1.96363E-09	0.10881	1.68636E-08	0.00002
444047.82	3747747.9	19973.90119	0.00001	0.03998	1.91852E-09	0.10314	1.59848E-08	0.00001
444058.38	3747728.54	17607.65236	0.00001	0.03899	1.87102E-09	0.09770	1.51417E-08	0.00001
444071.58	3747710.05	15660.1331	0.00001	0.03797	1.82207E-09	0.09281	1.43838E-08	0.00001
444086.55	3747695.97	14258.31306	0.00001	0.03707	1.77888E-09	0.08918	1.38213E-08	0.00001
444102.39	3747681.89	13038.59287	0.00001	0.03619	1.73665E-09	0.08578	1.32943E-08	0.00001
444114.71	3747666.92	12093.1002	0.00001	0.03551	1.70402E-09	0.08283	1.28371E-08	0.00001
444132.32	3747655.48	11304.45237	0.00001	0.03480	1.66995E-09	0.08066	1.25008E-08	0.00001
444112.95	3747621.15	10239.91147	0.00001	0.03418	1.64020E-09	0.07414	1.14903E-08	0.00001
443727.52	3747635.23	9212.7801	0.00001	0.04043	1.94012E-09	0.06622	1.02629E-08	0.00001
443741.61	3747647.56	9818.70308	0.00001	0.04062	1.94924E-09	0.06877	1.06581E-08	0.00001

443754.81	3747668.68	10707.13513	0.00001	0.04097	1.96603E-09	0.07195	1.11509E-08	0.00001
443769.77	3747684.53	11552.12024	0.00001	0.04104	1.96939E-09	0.07466	1.15709E-08	0.00001
443780.34	3747695.09	12724.00871	0.00001	0.04163	1.99770E-09	0.07892	1.22312E-08	0.00001
443797.06	3747714.46	14789.0396	0.00001	0.04244	2.03657E-09	0.08491	1.31595E-08	0.00001
443809.38	3747727.66	16592.03286	0.00001	0.04307	2.06680E-09	0.08930	1.38399E-08	0.00001
443823.47	3747745.26	19465.07857	0.00001	0.04403	2.11287E-09	0.09511	1.47403E-08	0.00001
443846.35	3747775.19	25220.41849	0.00002	0.04498	2.15846E-09	0.10385	1.60948E-08	0.00002
443860.44	3747786.63	28466.11042	0.00002	0.04517	2.16758E-09	0.10767	1.66869E-08	0.00002
443868.36	3747769.91	25117.69985	0.00002	0.04426	2.12391E-09	0.10374	1.60778E-08	0.00002
443879.8	3747749.67	21827.18556	0.00002	0.04304	2.06537E-09	0.09904	1.53494E-08	0.00002
443887.72	3747723.26	18226.79939	0.00001	0.04147	1.99003E-09	0.09258	1.43482E-08	0.00001
443892.12	3747702.13	15814.57856	0.00001	0.04014	1.92620E-09	0.08717	1.35097E-08	0.00001
443895.64	3747682.77	13708.7933	0.00001	0.03867	1.85566E-09	0.08123	1.25892E-08	0.00001
443893	3747660.76	12179.49371	0.00001	0.03768	1.80815E-09	0.07649	1.18545E-08	0.00001
443893.88	3747640.52	11189.51388	0.00001	0.03695	1.77312E-09	0.07325	1.13524E-08	0.00001
443897.41	3747621.15	10402.006	0.00001	0.03625	1.73953E-09	0.07046	1.09200E-08	0.00001
443900.05	3747604.43	9800.39143	0.00001	0.03567	1.71170E-09	0.06817	1.05651E-08	0.00001
443899.17	3747585.94	9181.71007	0.00001	0.03510	1.68435E-09	0.06567	1.01776E-08	0.00001
443901.81	3747563.94	8588.25667	0.00001	0.03445	1.65316E-09	0.06316	9.78864E-09	0.00001
443901.81	3747546.33	8168.40527	0.00001	0.03400	1.63156E-09	0.06132	9.50347E-09	0.00001
443904.45	3747526.97	7788.46199	0.00001	0.03353	1.60901E-09	0.05961	9.23846E-09	0.00001
443903.57	3747507.6	7390.91084	0.00001	0.03307	1.58693E-09	0.05768	8.93934E-09	0.00001
443901.81	3747487.36	6983.22356	0.00000	0.03258	1.56342E-09	0.05557	8.61233E-09	0.00000
443905.33	3747466.23	6626.97199	0.00000	0.03202	1.53655E-09	0.05365	8.31476E-09	0.00000
443904.45	3747445.99	6120.68967	0.00000	0.03124	1.49912E-09	0.05037	7.80642E-09	0.00000
443903.57	3747429.26	5811.022	0.00000	0.03078	1.47704E-09	0.04831	7.48716E-09	0.00000
443904.45	3747407.26	5515.46494	0.00000	0.03028	1.45305E-09	0.04643	7.19580E-09	0.00000
443903.57	3747388.77	5279.44853	0.00000	0.02991	1.43529E-09	0.04486	6.95248E-09	0.00000
443900.93	3747365.01	5003.84222	0.00000	0.02949	1.41514E-09	0.04298	6.66111E-09	0.00000
443894.76	3747341.24	4749.5477	0.00000	0.02916	1.39930E-09	0.04118	6.38214E-09	0.00000
443891.24	3747320.99	4553.60669	0.00000	0.02885	1.38443E-09	0.03973	6.15742E-09	0.00000
443886.84	3747302.51	4389.01619	0.00000	0.02860	1.37243E-09	0.03849	5.96524E-09	0.00000
443883.32	3747278.74	4201.79652	0.00000	0.02824	1.35516E-09	0.03704	5.74052E-09	0.00000
443882.44	3747257.62	4054.73892	0.00000	0.02790	1.33884E-09	0.03590	5.56384E-09	0.00000
443875.4	3747240.89	3950.44673	0.00000	0.02774	1.33116E-09	0.03513	5.44450E-09	0.00000
443862.2	3747223.29	3841.46208	0.00000	0.02761	1.32492E-09	0.03431	5.31742E-09	0.00000
443848.99	3747203.92	3726.00899	0.00000	0.02740	1.31485E-09	0.03337	5.17174E-09	0.00000
443875.4	3747192.48	3691.44469	0.00000	0.02697	1.29421E-09	0.03315	5.13764E-09	0.00000
443893.88	3747174	3618.45219	0.00000	0.02648	1.27070E-09	0.03268	5.06480E-09	0.00000
443900.93	3747150.23	3522.33548	0.00000	0.02608	1.25150E-09	0.03203	4.96406E-09	0.00000
443879.8	3747124.7	3395.9185	0.00000	0.02587	1.24143E-09	0.03084	4.77963E-09	0.00000
443859.56	3747118.54	3345.37206	0.00000	0.02586	1.24095E-09	0.03024	4.68664E-09	0.00000
443821.71	3747120.3	3325.08769	0.00000	0.02597	1.24623E-09	0.03010	4.66495E-09	0.00000
444137.71	3747581.54	8863.93896	0.00001	0.03278	1.57302E-09	0.06857	1.06271E-08	0.00001
444132.43	3747563.06	8411.35208	0.00001	0.03232	1.55094E-09	0.06570	1.01823E-08	0.00001
444122.74	3747541.93	8053.79173	0.00001	0.03195	1.53319E-09	0.06322	9.79794E-09	0.00001
444115.7	3747514.64	7620.90724	0.00001	0.03142	1.50776E-09	0.06050	9.37639E-09	0.00001
444104.26	3747490.88	7310.70003	0.00001	0.03101	1.48808E-09	0.05836	9.04473E-09	0.00001
444093.7	3747447.75	6632.85651	0.00000	0.02993	1.43625E-09	0.05408	8.38141E-09	0.00000
444089.29	3747432.78	6407.2025	0.00000	0.02954	1.41754E-09	0.05262	8.15513E-09	0.00000
444084.01	3747410.78	6054.39804	0.00000	0.02889	1.38635E-09	0.05030	7.79558E-09	0.00000
444079.61	3747394.05	5772.41254	0.00000	0.02836	1.36091E-09	0.04835	7.49336E-09	0.00000
444066.41	3747371.17	5404.04469	0.00000	0.02768	1.32828E-09	0.04565	7.07491E-09	0.00000
444065.53	3747356.2	5221.39158	0.00000	0.02731	1.31053E-09	0.04437	6.87654E-09	0.00000
444057.61	3747328.92	4955.68611	0.00000	0.02679	1.28557E-09	0.04263	6.60687E-09	0.00000
444048.8	3747309.55	4794.54548	0.00000	0.02651	1.27214E-09	0.04166	6.45653E-09	0.00000
444041.76	3747289.31	4630.42744	0.00000	0.02623	1.25870E-09	0.04065	6.30000E-09	0.00000
444039.12	3747269.94	4478.50126	0.00000	0.02593	1.24431E-09	0.03965	6.14502E-09	0.00000
444032.08	3747252.34	4341.0305	0.00000	0.02572	1.23423E-09	0.03876	6.00709E-09	0.00000

444026.8	3747232.09	4176.78893	0.00000	0.02544	1.22079E-09	0.03758	5.82421E-09	0.00000
444024.16	3747211.85	4012.56581	0.00000	0.02512	1.20544E-09	0.03629	5.62428E-09	0.00000
444012.71	3747194.24	3867.65919	0.00000	0.02500	1.19968E-09	0.03517	5.45070E-09	0.00000
444009.19	3747178.4	3756.09473	0.00000	0.02482	1.19104E-09	0.03425	5.30812E-09	0.00000
444000.39	3747159.03	3633.44955	0.00000	0.02470	1.18528E-09	0.03329	5.15934E-09	0.00000
443990.71	3747139.67	3535.41485	0.00000	0.02465	1.18288E-09	0.03259	5.05085E-09	0.00000
443987.19	3747122.06	3451.38846	0.00000	0.02451	1.17616E-09	0.03193	4.94856E-09	0.00000
443544.98	3747753.94	9744.2111	0.00001	0.04822	2.31394E-09	0.06878	1.06596E-08	0.00001
443566.91	3747739.32	9833.1734	0.00001	0.04744	2.27651E-09	0.06834	1.05914E-08	0.00001
443582.75	3747705.21	9392.63982	0.00001	0.04544	2.18053E-09	0.06548	1.01482E-08	0.00001
443608.33	3747662.57	8614.57512	0.00001	0.04288	2.05769E-09	0.06179	9.57632E-09	0.00001
443585.18	3747683.28	8917.55213	0.00001	0.04408	2.11527E-09	0.06312	9.78244E-09	0.00001
443664.38	3747610.18	7935.34145	0.00001	0.04028	1.93292E-09	0.05985	9.27565E-09	0.00001
444061.69	3748396.73	25034.93788	0.00002	0.07097	3.40565E-09	3.88647	6.02331E-07	0.00002
443702.16	3748778.14	16718.86256	0.00001	0.40239	1.93095E-08	0.13881	2.15130E-08	0.00001
443720.87	3748761.68	16797.45673	0.00001	0.35706	1.71343E-08	0.14788	2.29187E-08	0.00001
443735.08	3748748.96	16797.47371	0.00001	0.32612	1.56496E-08	0.15558	2.41120E-08	0.00001
443761.27	3748751.2	15582.00951	0.00001	0.30130	1.44585E-08	0.16682	2.58540E-08	0.00001
443781.48	3748750.46	14886.50191	0.00001	0.28286	1.35736E-08	0.17666	2.73791E-08	0.00001
443799.43	3748733.25	14934.82928	0.00001	0.25494	1.22338E-08	0.18992	2.94341E-08	0.00001
443816.64	3748742.23	14081.96783	0.00001	0.25032	1.20121E-08	0.19758	3.06213E-08	0.00001
443859.29	3748707.06	14004.64262	0.00001	0.20408	9.79321E-09	0.23647	3.66485E-08	0.00001
443854.8	3748660.67	15640.92362	0.00001	0.18220	8.74325E-09	0.25000	3.87454E-08	0.00001
443872.01	3748652.43	15310.72786	0.00001	0.17183	8.24563E-09	0.26910	4.17056E-08	0.00001
443881.74	3748635.23	15480.18028	0.00001	0.16081	7.71681E-09	0.28766	4.45820E-08	0.00001
443889.22	3748615.02	15790.67626	0.00001	0.15017	7.20622E-09	0.30804	4.77405E-08	0.00001
443912.42	3748586.59	15754.47757	0.00001	0.13340	6.40148E-09	0.36085	5.59251E-08	0.00001
443949.73	3748543.05	15759.46225	0.00001	0.11218	5.38319E-09	0.48604	7.53273E-08	0.00001
443955.98	3748523.52	16231.9985	0.00001	0.10667	5.11879E-09	0.53682	8.31972E-08	0.00001
443964.58	3748509.45	16504.6578	0.00001	0.10218	4.90332E-09	0.59406	9.20684E-08	0.00001
443975.51	3748496.56	16741.9015	0.00001	0.09781	4.69362E-09	0.66976	1.03800E-07	0.00001
444002.47	3748489.92	16495.34067	0.00001	0.09292	4.45896E-09	0.82760	1.28263E-07	0.00001
443993.02	3748508.17	15905.07216	0.00001	0.09776	4.69122E-09	0.71053	1.10119E-07	0.00001
443984.29	3748521.95	15570.46114	0.00001	0.10171	4.88077E-09	0.63470	9.83668E-08	0.00001
443976.48	3748538.5	15222.17648	0.00001	0.10677	5.12358E-09	0.56832	8.80792E-08	0.00001
443964.53	3748550.9	15149.77709	0.00001	0.11178	5.36400E-09	0.51013	7.90608E-08	0.00001
443950.28	3748565.15	15131.85372	0.00001	0.11814	5.66920E-09	0.45370	7.03152E-08	0.00001
443942.47	3748583.07	14895.1305	0.00001	0.12511	6.00367E-09	0.41504	6.43236E-08	0.00001
444015.08	3748474.62	17043.20701	0.00001	0.08830	4.23726E-09	0.99383	1.54025E-07	0.00001
444023.81	3748461.29	17720.10582	0.00001	0.08480	4.06931E-09	1.16840	1.81081E-07	0.00001
444033	3748446.13	18728.78538	0.00001	0.08113	3.89319E-09	1.43348	2.22163E-07	0.00001
444049.55	3748429.58	20221.07379	0.00001	0.07698	3.69405E-09	2.02609	3.14007E-07	0.00001
444052.31	3748411.2	22533.25549	0.00002	0.07421	3.56112E-09	2.60056	4.03039E-07	0.00002
443186.88	3748634.7	171528.8095	0.00012	0.77011	3.69554E-08	0.05702	8.83705E-09	0.00012
443201.94	3748608.36	172339.0777	0.00012	0.62454	2.99699E-08	0.05881	9.11447E-09	0.00012
443224.52	3748583.89	186672.0488	0.00013	0.51889	2.49000E-08	0.06169	9.56082E-09	0.00013
443237.69	3748551.9	184781.8744	0.00013	0.43187	2.07242E-08	0.06330	9.81034E-09	0.00013
443250.87	3748525.56	187465.0719	0.00013	0.37405	1.79496E-08	0.06501	1.00754E-08	0.00013
443267.8	3748491.68	154691.4328	0.00011	0.30576	1.46725E-08	0.06799	1.05372E-08	0.00011
443290.38	3748454.05	161068.9034	0.00011	0.25741	1.23524E-08	0.07138	1.10626E-08	0.00011
443299.79	3748416.41	136645.9146	0.00010	0.21718	1.04218E-08	0.07328	1.13571E-08	0.00010
443299.79	3748384.42	117787.8829	0.00008	0.19222	9.22408E-09	0.07355	1.13989E-08	0.00008
443301.67	3748352.43	108908.3992	0.00008	0.17355	8.32816E-09	0.07380	1.14376E-08	0.00008
443305.44	3748320.44	97115.60182	0.00007	0.15716	7.54165E-09	0.07418	1.14965E-08	0.00007
443117.28	3748611.37	51416.44108	0.00004	0.56272	2.70033E-08	0.05157	7.99240E-09	0.00004
443090.7	3748626.39	40765.17543	0.00003	0.57125	2.74126E-08	0.04956	7.68089E-09	0.00003
443162.35	3748585.94	78870.4467	0.00006	0.51343	2.46380E-08	0.05560	8.61698E-09	0.00006
443179.69	3748558.2	80645.43148	0.00006	0.43054	2.06604E-08	0.05772	8.94554E-09	0.00006
443190.09	3748530.47	72224.98889	0.00005	0.36357	1.74467E-08	0.05933	9.19506E-09	0.00005

443205.11	3748494.64	68584.86845	0.00005	0.30091	1.44398E-08	0.06130	9.50037E-09	0.00005
443229.38	3748456.5	66194.15423	0.00005	0.24483	1.17487E-08	0.06460	1.00118E-08	0.00005
443231.69	3748413.74	56884.48862	0.00004	0.20609	9.88966E-09	0.06520	1.01048E-08	0.00004
443252.5	3748389.47	64368.67682	0.00005	0.19125	9.17754E-09	0.06764	1.04830E-08	0.00005
443186.62	3748471.53	52393.24671	0.00004	0.26804	1.28625E-08	0.05976	9.26170E-09	0.00004
443141.55	3748525.85	46342.72858	0.00003	0.34822	1.67101E-08	0.05510	8.53949E-09	0.00003
443138.08	3748498.11	39428.56353	0.00003	0.29875	1.43361E-08	0.05527	8.56583E-09	0.00003
443150.79	3748472.68	39445.31241	0.00003	0.26521	1.27267E-08	0.05660	8.77196E-09	0.00003
443169.29	3748447.26	40431.30833	0.00003	0.23489	1.12717E-08	0.05857	9.07727E-09	0.00003
443183.15	3748419.52	40218.46611	0.00003	0.20874	1.00168E-08	0.06011	9.31595E-09	0.00003
443202.8	3748396.41	43068.67136	0.00003	0.19253	9.23896E-09	0.06214	9.63056E-09	0.00003
443224.76	3748373.29	47305.57278	0.00003	0.17909	8.59401E-09	0.06450	9.99632E-09	0.00003
443238.63	3748345.56	47741.54109	0.00003	0.16427	7.88284E-09	0.06603	1.02334E-08	0.00003
443112.66	3748590.56	46357.68682	0.00003	0.48136	2.30991E-08	0.05166	8.00635E-09	0.00003
443080.3	3748597.5	35240.94288	0.00003	0.45841	2.19978E-08	0.04944	7.66229E-09	0.00003
443072.21	3748572.07	31410.64166	0.00002	0.39003	1.87164E-08	0.04936	7.64989E-09	0.00002
443103.41	3748554.74	38589.03972	0.00003	0.38558	1.85029E-08	0.05150	7.98155E-09	0.00003
443093.01	3748532.78	33542.01705	0.00002	0.33683	1.61635E-08	0.05110	7.91956E-09	0.00002
444066.11	3748315.51	77097.33672	0.00005	0.06180	2.96560E-09	13.31721	2.06392E-06	0.00006
444098.47	3748350.18	42485.09657	0.00003	0.06223	2.98624E-09	13.17249	2.04149E-06	0.00003
444078.82	3748294.71	147883.8703	0.00011	0.05912	2.83700E-09	5.97331	9.25753E-07	0.00011
444089.22	3748273.9	258259.3028	0.00018	0.05692	2.73143E-09	3.62666	5.62066E-07	0.00018
444096.16	3748253.1	372374.588	0.00027	0.05520	2.64889E-09	2.55319	3.95698E-07	0.00027
444111.18	3748321.29	72663.13102	0.00005	0.05873	2.81828E-09	5.19188	8.04646E-07	0.00005
444131.98	3748302.79	101312.0067	0.00007	0.05603	2.68872E-09	2.98669	4.62882E-07	0.00007
444135.45	3748284.3	148817.0878	0.00011	0.05437	2.60906E-09	2.33236	3.61473E-07	0.00011
443313.52	3748260.81	54707.73259	0.00004	0.13179	6.32422E-09	0.07455	1.15539E-08	0.00004
443230.72	3748275.87	30688.89619	0.00002	0.13198	6.33334E-09	0.06459	1.00103E-08	0.00002
443260.83	3748238.23	29167.1117	0.00002	0.12101	5.80692E-09	0.06732	1.04334E-08	0.00002
443274	3748215.65	26933.31244	0.00002	0.11482	5.50988E-09	0.06833	1.05899E-08	0.00002
443304.11	3748178.01	22921.32332	0.00002	0.10388	4.98490E-09	0.07110	1.10192E-08	0.00002
443198.73	3748330.44	32138.32594	0.00002	0.15130	7.26045E-09	0.06179	9.57632E-09	0.00002
443155.44	3748373.72	28801.39644	0.00002	0.17341	8.32145E-09	0.05776	8.95174E-09	0.00002
443119.69	3748411.36	25996.49365	0.00002	0.19855	9.52784E-09	0.05468	8.47440E-09	0.00002
443100.87	3748441.47	25928.85699	0.00002	0.22643	1.08657E-08	0.05292	8.20163E-09	0.00002
443093.34	3748477.23	28574.84002	0.00002	0.26622	1.27751E-08	0.05180	8.02805E-09	0.00002
443080.17	3748501.69	28165.67017	0.00002	0.28567	1.37085E-08	0.05057	7.83742E-09	0.00002
443718.12	3747857.82	22972.37737	0.00002	0.05241	2.51500E-09	0.10572	1.63847E-08	0.00002
443737.76	3747882.38	28678.1191	0.00002	0.05295	2.54092E-09	0.11540	1.78849E-08	0.00002
443765.27	3747898.1	37384.32558	0.00003	0.05241	2.51500E-09	0.12455	1.93030E-08	0.00003
443754.47	3747918.73	36662.35209	0.00003	0.05400	2.59130E-09	0.12886	1.99709E-08	0.00003
443696.5	3747826.38	18341.7946	0.00001	0.05150	2.47134E-09	0.09561	1.48178E-08	0.00001
443672.93	3747804.77	15326.84895	0.00001	0.05074	2.43487E-09	0.08777	1.36027E-08	0.00001
443726.96	3747844.07	22751.84257	0.00002	0.05132	2.46270E-09	0.10406	1.61274E-08	0.00002
443710.26	3747771.37	15093.46037	0.00001	0.04735	2.27219E-09	0.08557	1.32618E-08	0.00001
443737.76	3747790.04	17870.68065	0.00001	0.04729	2.26931E-09	0.09216	1.42831E-08	0.00001
443746.61	3747808.7	20600.41023	0.00001	0.04820	2.31298E-09	0.09795	1.51805E-08	0.00001
443762.32	3747821.47	23978.0749	0.00002	0.04847	2.32594E-09	0.10350	1.60406E-08	0.00002
443787.87	3747845.05	32816.98756	0.00002	0.04894	2.34849E-09	0.11364	1.76121E-08	0.00002
443800.64	3747866.66	44518.21116	0.00003	0.04985	2.39216E-09	0.12273	1.90209E-08	0.00003
443806.53	3747929.54	68860.71677	0.00005	0.05291	2.53900E-09	0.14674	2.27420E-08	0.00005
443520.64	3747701.59	8502.87044	0.00001	0.04466	2.14310E-09	0.06226	9.64916E-09	0.00001
443551.64	3747661.73	8210.25471	0.00001	0.04268	2.04809E-09	0.05987	9.27875E-09	0.00001
443591.49	3747635.16	7886.71407	0.00001	0.04132	1.98283E-09	0.05832	9.03853E-09	0.00001
443836.47	3747717.7	17382.54532	0.00001	0.04296	2.06153E-09	0.09096	1.40971E-08	0.00001
443840.73	3747688.6	14953.63647	0.00001	0.04154	1.99338E-09	0.08539	1.32339E-08	0.00001
443841.44	3747663.76	12868.86935	0.00001	0.03993	1.91613E-09	0.07974	1.23582E-08	0.00001
443804.53	3747670.15	13292.68571	0.00001	0.04188	2.00970E-09	0.08104	1.25597E-08	0.00001
443787.49	3747657.37	11431.23089	0.00001	0.04055	1.94588E-09	0.07530	1.16701E-08	0.00001

443777.55	3747633.95	9949.06218	0.00001	0.03942	1.89165E-09	0.06965	1.07945E-08	0.00001
443744.9	3747619.04	9028.02386	0.00001	0.03957	1.89885E-09	0.06573	1.01869E-08	0.00001
443761.94	3747606.26	8901.66614	0.00001	0.03884	1.86382E-09	0.06542	1.01389E-08	0.00001
443844.28	3747623.3	10195.06739	0.00001	0.03741	1.79520E-09	0.07025	1.08875E-08	0.00001
443847.12	3747599.88	9321.69751	0.00001	0.03651	1.75201E-09	0.06670	1.03373E-08	0.00001
443852.79	3747578.58	8691.23966	0.00001	0.03572	1.71410E-09	0.06393	9.90798E-09	0.00001
443849.96	3747558	8079.02001	0.00001	0.03513	1.68579E-09	0.06111	9.47093E-09	0.00001
443849.96	3747537.41	7630.16268	0.00001	0.03463	1.66179E-09	0.05904	9.15012E-09	0.00001
443854.92	3747518.25	7245.11844	0.00001	0.03402	1.63252E-09	0.05705	8.84170E-09	0.00001
443847.12	3747495.53	6711.98699	0.00000	0.03352	1.60853E-09	0.05415	8.39226E-09	0.00000
443853.5	3747478.5	6439.34154	0.00000	0.03297	1.58214E-09	0.05253	8.14119E-09	0.00000
443850.67	3747457.2	6074.53683	0.00000	0.03250	1.55958E-09	0.05038	7.80797E-09	0.00000
443854.21	3747438.75	5798.90173	0.00000	0.03197	1.53415E-09	0.04858	7.52901E-09	0.00000
443849.96	3747397.58	5245.5341	0.00000	0.03112	1.49336E-09	0.04492	6.96177E-09	0.00000
443854.21	3747418.16	5502.28298	0.00000	0.03148	1.51063E-09	0.04659	7.22059E-09	0.00000
443853.5	3747378.41	5052.86522	0.00000	0.03068	1.47224E-09	0.04361	6.75875E-09	0.00000
443843.57	3747336.54	4623.45991	0.00000	0.02998	1.43865E-09	0.04054	6.28296E-09	0.00000
443836.47	3747315.24	4434.34179	0.00000	0.02965	1.42282E-09	0.03914	6.06598E-09	0.00000
443829.37	3747296.08	4275.02875	0.00000	0.02934	1.40794E-09	0.03790	5.87380E-09	0.00000
443827.95	3747274.07	4119.9709	0.00000	0.02891	1.38731E-09	0.03666	5.68163E-09	0.00000
443816.59	3747254.2	3987.28665	0.00000	0.02860	1.37243E-09	0.03565	5.52510E-09	0.00000
443805.95	3747236.45	3876.80615	0.00000	0.02829	1.35756E-09	0.03480	5.39336E-09	0.00000
443803.11	3747219.42	3779.98104	0.00000	0.02794	1.34076E-09	0.03400	5.26938E-09	0.00000
443838.6	3747186.06	3628.54305	0.00000	0.02714	1.30237E-09	0.03259	5.05085E-09	0.00000
443838.6	3747171.15	3558.9377	0.00000	0.02687	1.28941E-09	0.03202	4.96251E-09	0.00000
443970.69	3747984.97	443245.5715	0.00032	0.05277	2.53228E-09	0.25298	3.92073E-08	0.00032
443980.63	3747995.62	435959.5198	0.00031	0.05218	2.50397E-09	0.26898	4.16870E-08	0.00031
443994.83	3748014.08	456998.0301	0.00033	0.05168	2.47997E-09	0.30201	4.68060E-08	0.00033
444006.19	3748026.85	452078.6125	0.00032	0.05114	2.45406E-09	0.32731	5.07270E-08	0.00032
444016.83	3748040.34	463534.9639	0.00033	0.05083	2.43918E-09	0.35840	5.55454E-08	0.00033
444040.26	3748051.7	383144.7838	0.00027	0.04980	2.38976E-09	0.38248	5.92774E-08	0.00027
444048.78	3748065.9	400640.916	0.00029	0.04960	2.38016E-09	0.41910	6.49528E-08	0.00029
444060.13	3748085.77	436929.2318	0.00031	0.04957	2.37872E-09	0.48256	7.47879E-08	0.00031
444079.3	3748100.68	410805.7413	0.00029	0.04913	2.35761E-09	0.52795	8.18226E-08	0.00029
444088.53	3748117	445312.5479	0.00032	0.04936	2.36864E-09	0.59807	9.26899E-08	0.00032
444101.3	3748132.62	454484.3262	0.00032	0.04938	2.36960E-09	0.66449	1.02984E-07	0.00032
444114.79	3748147.53	464504.4912	0.00033	0.04913	2.35761E-09	0.72242	1.11962E-07	0.00033
444129.7	3748161.72	461930.1687	0.00033	0.04886	2.34465E-09	0.76895	1.19173E-07	0.00033
444141.76	3748177.34	467653.0335	0.00033	0.04868	2.33601E-09	0.82870	1.28433E-07	0.00033
444158.09	3748180.89	364879.3082	0.00026	0.04781	2.29426E-09	0.78316	1.21375E-07	0.00026
444169.45	3748204.31	333020.6471	0.00024	0.04778	2.29282E-09	0.87399	1.35452E-07	0.00024
444190.03	3748217.09	209873.0778	0.00015	0.04693	2.25204E-09	0.84355	1.30735E-07	0.00015
444192.83	3748193.06	189809.7335	0.00014	0.04567	2.19157E-09	0.69896	1.08326E-07	0.00014
444195.33	3748122.7	122461.2094	0.00009	0.04337	2.08120E-09	0.43331	6.71551E-08	0.00009
444008.68	3747956.49	161955.233	0.00012	0.04857	2.33073E-09	0.21731	3.36791E-08	0.00012
444019.33	3747969.98	169952.7063	0.00012	0.04825	2.31538E-09	0.23232	3.60053E-08	0.00012
444042.75	3747981.34	149581.9287	0.00011	0.04686	2.24868E-09	0.24335	3.77148E-08	0.00011
444051.27	3747995.53	164517.1463	0.00012	0.04703	2.25683E-09	0.26298	4.07571E-08	0.00012
444062.63	3748015.41	186533.7433	0.00013	0.04727	2.26835E-09	0.29327	4.54515E-08	0.00013
444081.79	3748030.32	183145.626	0.00013	0.04684	2.24772E-09	0.31578	4.89401E-08	0.00013
444091.02	3748046.64	197435.4008	0.00014	0.04697	2.25395E-09	0.34675	5.37399E-08	0.00014
444103.8	3748062.26	204901.3412	0.00015	0.04704	2.25731E-09	0.37750	5.85056E-08	0.00015
444117.29	3748077.17	204353.4218	0.00015	0.04683	2.24724E-09	0.40635	6.29768E-08	0.00015
444132.19	3748091.36	197610.6968	0.00014	0.04649	2.23092E-09	0.43303	6.71117E-08	0.00014
444144.26	3748106.98	199464.2606	0.00014	0.04627	2.22036E-09	0.46772	7.24880E-08	0.00014
444160.59	3748110.53	172356.2447	0.00012	0.04551	2.18389E-09	0.45658	7.07615E-08	0.00012
444171.94	3748133.95	179465.8558	0.00013	0.04535	2.17622E-09	0.51447	7.97334E-08	0.00013
444192.53	3748146.73	145782.1474	0.00010	0.04414	2.11815E-09	0.50878	7.88516E-08	0.00010
444143.39	3748498.9	14064.25973	0.00001	0.07957	3.81833E-09	3.59739	5.57529E-07	0.00001

444154.04	3748512.39	13269.77299	0.00001	0.08069	3.87208E-09	3.53278	5.47516E-07	0.00001
444177.46	3748523.75	12543.72436	0.00001	0.08057	3.86632E-09	4.67236	7.24130E-07	0.00001
444185.98	3748537.95	11964.66176	0.00001	0.08212	3.94070E-09	4.27215	6.62105E-07	0.00001
444197.34	3748557.82	11196.61946	0.00001	0.08404	4.03284E-09	3.80541	5.89769E-07	0.00001
444216.5	3748572.73	10579.55868	0.00001	0.08440	4.05011E-09	4.34425	6.73279E-07	0.00001
444225.73	3748589.06	10109.31911	0.00001	0.08591	4.12257E-09	3.93159	6.09324E-07	0.00001
444238.51	3748604.67	9637.48323	0.00001	0.08684	4.16720E-09	3.89647	6.03881E-07	0.00001
444251.99	3748619.58	9213.10953	0.00001	0.08745	4.19647E-09	3.98962	6.18318E-07	0.00001
444266.9	3748633.77	8820.56266	0.00001	0.08767	4.20703E-09	4.33359	6.71627E-07	0.00001
444278.97	3748649.39	8452.79939	0.00001	0.08826	4.23534E-09	4.53506	7.02851E-07	0.00001
444295.29	3748652.94	8269.10354	0.00001	0.08682	4.16624E-09	6.70602	1.03931E-06	0.00001
444306.65	3748676.37	7824.40509	0.00001	0.08825	4.23486E-09	7.06207	1.09449E-06	0.00001
444237.65	3748593.44	9896.57302	0.00001	0.08536	4.09618E-09	4.67629	7.24739E-07	0.00001
444061.66	3748440.72	19043.03188	0.00001	0.07739	3.71372E-09	2.12104	3.28722E-07	0.00001
444085.08	3748452.08	17859.49422	0.00001	0.07700	3.69501E-09	2.61362	4.05063E-07	0.00001
444093.6	3748466.28	16702.6772	0.00001	0.07877	3.77994E-09	2.47303	3.83274E-07	0.00001
444104.96	3748486.15	15303.62785	0.00001	0.08098	3.88600E-09	2.28677	3.54407E-07	0.00001
444124.12	3748501.06	14298.57712	0.00001	0.08185	3.92775E-09	2.50646	3.88455E-07	0.00001
444133.35	3748517.39	13441.51732	0.00001	0.08374	4.01844E-09	2.34057	3.62745E-07	0.00001
444146.13	3748533	12636.63554	0.00001	0.08491	4.07459E-09	2.32822	3.60831E-07	0.00001
444159.61	3748547.91	11944.92757	0.00001	0.08601	4.12737E-09	2.35306	3.64681E-07	0.00001
444174.52	3748562.11	11355.11707	0.00001	0.08692	4.17104E-09	2.44698	3.79237E-07	0.00001
444186.59	3748577.72	10779.70113	0.00001	0.08808	4.22670E-09	2.40886	3.73329E-07	0.00001
444202.91	3748581.27	10519.94284	0.00001	0.08702	4.17584E-09	2.94075	4.55762E-07	0.00001
444214.27	3748604.7	9873.78999	0.00001	0.08947	4.29341E-09	2.58940	4.01309E-07	0.00001
444234.86	3748617.47	9409.03222	0.00001	0.08904	4.27277E-09	3.02635	4.69029E-07	0.00001
443957.64	3748095.6	447796.8666	0.00032	0.05735	2.75206E-09	0.62724	9.72107E-08	0.00032
443122.97	3748822.03	31821.51316	0.00002	3.07772	1.47691E-07	0.04820	7.47011E-09	0.00002
443097.97	3748847.03	19845.02893	0.00001	2.03888	9.78400E-08	0.04614	7.15085E-09	0.00001
443122.97	3748847.03	22942.3282	0.00002	2.91254	1.39764E-07	0.04765	7.38487E-09	0.00002
443072.97	3748872.03	13941.27292	0.00001	1.47241	7.06567E-08	0.04410	6.83469E-09	0.00001
443097.97	3748872.03	15448.73382	0.00001	1.94092	9.31391E-08	0.04546	7.04547E-09	0.00001
443122.97	3748872.03	17112.01169	0.00001	2.66364	1.27820E-07	0.04696	7.27794E-09	0.00001
443047.97	3748897.03	10616.15941	0.00001	1.12245	5.38631E-08	0.04226	6.54952E-09	0.00001
443072.97	3748897.03	11496.68447	0.00001	1.41525	6.79138E-08	0.04351	6.74325E-09	0.00001
443097.97	3748897.03	12407.03428	0.00001	1.83044	8.78375E-08	0.04486	6.95248E-09	0.00001
443122.97	3748897.03	13328.18269	0.00001	2.43439	1.16819E-07	0.04626	7.16945E-09	0.00001
443028.81	3748928.79	8304.74403	0.00001	0.91377	4.38492E-08	0.04062	6.29535E-09	0.00001
443047.97	3748922.03	9037.83416	0.00001	1.07634	5.16504E-08	0.04161	6.44879E-09	0.00001
443072.97	3748922.03	9621.71274	0.00001	1.34499	6.45422E-08	0.04289	6.64716E-09	0.00001
443097.97	3748922.03	10181.71728	0.00001	1.71181	8.21448E-08	0.04418	6.84709E-09	0.00001
443122.97	3748922.03	10733.21282	0.00001	2.22825	1.06927E-07	0.04549	7.05011E-09	0.00001
443147.97	3748922.03	11303.31316	0.00001	2.98399	1.43193E-07	0.04684	7.25934E-09	0.00001
443172.97	3748922.03	11902.87209	0.00001	4.15631	1.99449E-07	0.04826	7.47941E-09	0.00001
443003.5	3748951.02	6999.30263	0.00000	0.73194	3.51237E-08	0.03903	6.04893E-09	0.00001
443022.97	3748947.03	7428.85431	0.00001	0.84690	4.06403E-08	0.03994	6.18997E-09	0.00001
443047.97	3748947.03	7791.44857	0.00001	1.02401	4.91393E-08	0.04100	6.35425E-09	0.00001
443072.97	3748947.03	8179.36412	0.00001	1.26780	6.08381E-08	0.04224	6.54642E-09	0.00001
443097.97	3748947.03	8538.7009	0.00001	1.59265	7.64267E-08	0.04347	6.73705E-09	0.00001
443122.97	3748947.03	8905.25752	0.00001	2.04499	9.81332E-08	0.04474	6.93388E-09	0.00001
443147.97	3748947.03	9312.01215	0.00001	2.70952	1.30022E-07	0.04609	7.14310E-09	0.00001
443172.97	3748947.03	9764.14055	0.00001	3.75397	1.80142E-07	0.04755	7.36938E-09	0.00001
442977.27	3748975.72	5965.4273	0.00000	0.59070	2.83460E-08	0.03746	5.80561E-09	0.00000
442997.97	3748972.03	6275.66942	0.00000	0.67775	3.25233E-08	0.03831	5.93735E-09	0.00000
443022.97	3748972.03	6540.08339	0.00000	0.80392	3.85778E-08	0.03933	6.09543E-09	0.00000
443047.97	3748972.03	6806.0927	0.00000	0.96957	4.65269E-08	0.04044	6.26746E-09	0.00000
443072.97	3748972.03	7062.75664	0.00001	1.18780	5.69991E-08	0.04161	6.44879E-09	0.00001
443097.97	3748972.03	7312.1607	0.00001	1.47942	7.09931E-08	0.04280	6.63321E-09	0.00001
443122.97	3748972.03	7584.94054	0.00001	1.88945	9.06692E-08	0.04408	6.83159E-09	0.00001

443147.97	3748972.03	7900.38666	0.00001	2.49868	1.19904E-07	0.04548	7.04856E-09	0.00001
443172.97	3748972.03	8250.79428	0.00001	3.45978	1.66025E-07	0.04698	7.28104E-09	0.00001
442947.97	3748997.03	5235.88308	0.00000	0.47899	2.29853E-08	0.03598	5.57624E-09	0.00000
442972.97	3748997.03	5432.24546	0.00000	0.55206	2.64918E-08	0.03685	5.71107E-09	0.00000
442997.97	3748997.03	5627.03921	0.00000	0.64332	3.08711E-08	0.03778	5.85521E-09	0.00000
443022.97	3748997.03	5813.49091	0.00000	0.75818	3.63829E-08	0.03876	6.00709E-09	0.00000
443047.97	3748997.03	6000.29007	0.00000	0.90798	4.35713E-08	0.03983	6.17292E-09	0.00000
443072.97	3748997.03	6181.52744	0.00000	1.10398	5.29768E-08	0.04097	6.34960E-09	0.00000
443097.97	3748997.03	6376.73025	0.00000	1.37242	6.58585E-08	0.04221	6.54177E-09	0.00000
443122.97	3748997.03	6598.55793	0.00000	1.75328	8.41348E-08	0.04356	6.75100E-09	0.00000
443147.97	3748997.03	6848.17243	0.00000	2.31106	1.10901E-07	0.04500	6.97417E-09	0.00001
442922.97	3749022.03	4643.37321	0.00000	0.40111	1.92481E-08	0.03472	5.38096E-09	0.00000
442947.97	3749022.03	4795.19321	0.00000	0.45640	2.19013E-08	0.03553	5.50650E-09	0.00000
442972.97	3749022.03	4948.45168	0.00000	0.52474	2.51808E-08	0.03642	5.64443E-09	0.00000
442997.97	3749022.03	5094.99931	0.00000	0.60926	2.92366E-08	0.03735	5.78856E-09	0.00000
443022.97	3749022.03	5228.13163	0.00000	0.71387	3.42566E-08	0.03831	5.93735E-09	0.00000
443047.97	3749022.03	5362.38841	0.00000	0.84936	4.07583E-08	0.03935	6.09853E-09	0.00000
443072.97	3749022.03	5494.69453	0.00000	1.02551	4.92113E-08	0.04045	6.26901E-09	0.00000
443102.27	3749028.48	5516.94011	0.00000	1.29249	6.20229E-08	0.04185	6.48598E-09	0.00000
443118.05	3749011.89	6078.29243	0.00000	1.58901	7.62520E-08	0.04300	6.66421E-09	0.00000
442918.36	3749057.17	4141.24005	0.00000	0.36463	1.74975E-08	0.03398	5.26628E-09	0.00000
442947.05	3749054.1	4304.57211	0.00000	0.42266	2.02822E-08	0.03494	5.41506E-09	0.00000
442972.97	3749047.03	4524.07468	0.00000	0.49399	2.37052E-08	0.03596	5.57314E-09	0.00000
442997.97	3749047.03	4631.94736	0.00000	0.57020	2.73623E-08	0.03688	5.71572E-09	0.00000
443018.97	3749057.17	4533.97472	0.00000	0.62670	3.00735E-08	0.03743	5.80096E-09	0.00000
443043.67	3749053.18	4700.26712	0.00000	0.74727	3.58593E-08	0.03856	5.97609E-09	0.00000
443072.97	3749047.03	4938.61977	0.00000	0.94391	4.52955E-08	0.03998	6.19617E-09	0.00000
442904.73	3749080.33	3822.76354	0.00000	0.32524	1.56073E-08	0.03320	5.14539E-09	0.00000
442925.74	3749077.56	3930.65804	0.00000	0.36053	1.73008E-08	0.03391	5.25543E-09	0.00000
442947.97	3749072.03	4073.29039	0.00000	0.40652	1.95077E-08	0.03469	5.37631E-09	0.00000
442972.66	3749064.96	4255.21989	0.00000	0.47039	2.25727E-08	0.03564	5.52355E-09	0.00000
443457.06	3748487.91	136875.9742	0.00010	0.26536	1.27339E-08	0.09707	1.50441E-08	0.00010
443482.06	3748487.91	112245.3146	0.00008	0.25282	1.21321E-08	0.10271	1.59182E-08	0.00008
443507.06	3748487.91	93989.733	0.00007	0.24034	1.15332E-08	0.10904	1.68992E-08	0.00007
443532.06	3748487.91	79869.20499	0.00006	0.22802	1.09420E-08	0.11614	1.79996E-08	0.00006
443557.06	3748487.91	66995.06956	0.00005	0.21609	1.03695E-08	0.12469	1.93247E-08	0.00005
443457.06	3748512.91	119055.7633	0.00008	0.29069	1.39494E-08	0.09598	1.48751E-08	0.00008
443482.06	3748512.91	98862.58649	0.00007	0.27583	1.32363E-08	0.10153	1.57353E-08	0.00007
443507.06	3748512.91	83919.88314	0.00006	0.26073	1.25117E-08	0.10770	1.66915E-08	0.00006
443532.06	3748512.91	70865.48696	0.00005	0.24518	1.17655E-08	0.11499	1.78213E-08	0.00005
443557.06	3748512.91	55234.33978	0.00004	0.22116	1.06128E-08	0.12547	1.94455E-08	0.00004
443457.06	3748537.91	106255.0705	0.00008	0.32038	1.53741E-08	0.09499	1.47217E-08	0.00008
443482.06	3748537.91	88065.01665	0.00006	0.30155	1.44705E-08	0.10052	1.55788E-08	0.00006
443507.06	3748537.91	72927.77825	0.00005	0.28524	1.36878E-08	0.10713	1.66032E-08	0.00005
443536.36	3748544.37	54821.09665	0.00004	0.25359	1.21691E-08	0.11665	1.80786E-08	0.00004
443552.14	3748527.77	54184.70382	0.00004	0.23404	1.12309E-08	0.12252	1.89883E-08	0.00004
443453.06	3748573.06	95822.16994	0.00007	0.37477	1.79841E-08	0.09248	1.43327E-08	0.00007
443477.76	3748569.06	79865.65142	0.00006	0.34260	1.64404E-08	0.09815	1.52114E-08	0.00006
443507.06	3748562.91	63916.96026	0.00005	0.30445	1.46097E-08	0.10645	1.64978E-08	0.00005
443366.59	3748666.11	138764.0363	0.00010	0.82994	3.98264E-08	0.07493	1.16128E-08	0.00010
443391.66	3748647.31	118528.9465	0.00008	0.66607	3.19628E-08	0.07911	1.22606E-08	0.00008
443416.73	3748620.15	106722.5113	0.00008	0.52317	2.51054E-08	0.08399	1.30169E-08	0.00008
443349.87	3748862.52	28784.88238	0.00002	6.63910	3.18591E-07	0.06498	1.00707E-08	0.00002
443366.59	3748829.09	40257.36563	0.00003	4.20584	2.01826E-07	0.06797	1.05341E-08	0.00003
443391.66	3748814.46	41925.55961	0.00003	2.83252	1.35924E-07	0.07161	1.10982E-08	0.00003
443408.37	3748793.57	46060.59964	0.00003	2.03302	9.75588E-08	0.07482	1.15957E-08	0.00003
443429.27	3748820.73	33465.74075	0.00002	2.07775	9.97052E-08	0.07641	1.18421E-08	0.00002
443441.8	3748770.58	45276.69499	0.00003	1.33701	6.41592E-08	0.08052	1.24791E-08	0.00003
443475.23	3748791.48	33690.1568	0.00002	1.23743	5.93807E-08	0.08463	1.31161E-08	0.00002

443489.86	3748745.51	40646.23711	0.00003	0.85990	4.12641E-08	0.08950	1.38709E-08	0.00003
443525.38	3748758.05	32426.13646	0.00002	0.77374	3.71295E-08	0.09529	1.47682E-08	0.00002
443535.83	3748722.53	36336.96986	0.00003	0.61203	2.93696E-08	0.09954	1.54269E-08	0.00003
443590.15	3748732.98	27652.57117	0.00002	0.51315	2.46246E-08	0.11132	1.72526E-08	0.00002
443611.04	3748693.28	28760.55645	0.00002	0.39260	1.88397E-08	0.12111	1.87698E-08	0.00002
443650.74	3748724.62	22917.92072	0.00002	0.39325	1.88709E-08	0.12906	2.00019E-08	0.00002
443696.71	3748714.17	20747.26758	0.00001	0.32826	1.57522E-08	0.14560	2.25653E-08	0.00001
443725.96	3748712.08	19202.60552	0.00001	0.29804	1.43021E-08	0.15759	2.44236E-08	0.00001
443665.37	3748670.29	25490.41101	0.00002	0.30189	1.44868E-08	0.14123	2.18881E-08	0.00002
443719.69	3748664.03	22145.41898	0.00002	0.25671	1.23188E-08	0.16358	2.53519E-08	0.00002
443765.66	3748689.1	18389.49072	0.00001	0.24816	1.19085E-08	0.18052	2.79773E-08	0.00001
443774.02	3748638.95	20284.52564	0.00001	0.20828	9.99476E-09	0.19725	3.05701E-08	0.00001
443819.98	3748645.22	17552.54534	0.00001	0.18870	9.05517E-09	0.22779	3.53033E-08	0.00001
443625.67	3748641.04	30638.84849	0.00002	0.29298	1.40593E-08	0.13282	2.05847E-08	0.00002
443604.78	3748611.79	34731.41755	0.00002	0.26978	1.29460E-08	0.13050	2.02251E-08	0.00002
443567.17	3748590.9	41731.68397	0.00003	0.27122	1.30151E-08	0.12158	1.88427E-08	0.00003
443562.99	3748553.29	47157.98678	0.00003	0.24257	1.16402E-08	0.12390	1.92022E-08	0.00003
443615.22	3748572.09	36196.69878	0.00003	0.22421	1.07592E-08	0.13969	2.16494E-08	0.00003
443650.74	3748597.17	30441.03498	0.00002	0.22649	1.08686E-08	0.14932	2.31419E-08	0.00002
443663.28	3748620.15	28151.37545	0.00002	0.24281	1.16518E-08	0.14987	2.32271E-08	0.00002
443583.88	3748442.55	61972.8449	0.00004	0.18209	8.73797E-09	0.13958	2.16323E-08	0.00004
443615.22	3748465.53	48672.07773	0.00003	0.17715	8.50092E-09	0.15182	2.35293E-08	0.00003
443625.67	3748407.03	46895.94292	0.00003	0.15221	7.30412E-09	0.16497	2.55673E-08	0.00003
443663.28	3748423.75	40139.4403	0.00003	0.14818	7.11073E-09	0.18340	2.84236E-08	0.00003
443667.46	3748373.6	37151.80024	0.00003	0.13318	6.39092E-09	0.19626	3.04167E-08	0.00003
443713.42	3748386.14	31165.08966	0.00002	0.12301	5.90289E-09	0.23629	3.66206E-08	0.00002
443719.69	3748331.81	28893.93273	0.00002	0.11118	5.33521E-09	0.26042	4.03603E-08	0.00002
443753.12	3748340.17	27430.02037	0.00002	0.10638	5.10487E-09	0.30652	4.75050E-08	0.00002
443829.2	3748575.04	19467.2569	0.00001	0.15070	7.23166E-09	0.26644	4.12933E-08	0.00001
443866.07	3748577.5	17765.03972	0.00001	0.14210	6.81897E-09	0.30473	4.72276E-08	0.00001
443878.36	3748520.96	18930.74353	0.00001	0.12041	5.77813E-09	0.36747	5.69511E-08	0.00001
443907.86	3748457.05	20101.25444	0.00001	0.09974	4.78623E-09	0.52209	8.09144E-08	0.00001
443915.24	3748501.3	18302.81956	0.00001	0.10927	5.24355E-09	0.46305	7.17642E-08	0.00001
443954.57	3748432.47	20535.48755	0.00001	0.08948	4.29389E-09	0.78100	1.21041E-07	0.00001
443969.31	3748390.68	24221.87781	0.00002	0.08136	3.90423E-09	1.14485	1.77431E-07	0.00002
443988.98	3748351.35	32057.7195	0.00002	0.07414	3.55776E-09	2.10268	3.25877E-07	0.00002
443775.12	3748319.4	26779.87508	0.00002	0.09918	4.75936E-09	0.36212	5.61219E-08	0.00002
443802.16	3748280.93	28245.88811	0.00002	0.09104	4.36875E-09	0.46819	7.25609E-08	0.00002
443839.76	3748246.23	33871.01689	0.00002	0.08176	3.92343E-09	0.73856	1.14463E-07	0.00002
443868.68	3748237.55	39239.27349	0.00003	0.07723	3.70604E-09	1.14150	1.76912E-07	0.00003
443871.57	3748202.85	50601.10785	0.00004	0.07279	3.49298E-09	1.42484	2.20824E-07	0.00004
443926.52	3747829.8	46695.0334	0.00003	0.04596	2.20549E-09	0.12622	1.95618E-08	0.00003
443958.33	3747864.5	76557.3627	0.00005	0.04865	2.33457E-09	0.14652	2.27079E-08	0.00005
443935.19	3747771.96	26180.04095	0.00002	0.04298	2.06249E-09	0.10681	1.65536E-08	0.00002
443972.79	3747777.74	27481.65866	0.00002	0.04304	2.06537E-09	0.11129	1.72479E-08	0.00002
443943.87	3747699.66	15927.15515	0.00001	0.03931	1.88637E-09	0.08775	1.35996E-08	0.00001
444001.71	3747705.44	17057.34126	0.00001	0.03958	1.89933E-09	0.09247	1.43312E-08	0.00001
443938.08	3747653.39	12104.05392	0.00001	0.03692	1.77168E-09	0.07631	1.18266E-08	0.00001
443990.14	3747653.39	12054.56515	0.00001	0.03630	1.74193E-09	0.07630	1.18251E-08	0.00001
444050.87	3747650.5	11932.07978	0.00001	0.03586	1.72082E-09	0.07788	1.20700E-08	0.00001
443952.54	3747595.55	9689.00792	0.00001	0.03475	1.66755E-09	0.06764	1.04830E-08	0.00001
443984.35	3747592.66	9508.96947	0.00001	0.03421	1.64164E-09	0.06670	1.03373E-08	0.00001
444065.33	3747578.2	9251.24312	0.00001	0.03351	1.60805E-09	0.06713	1.04039E-08	0.00001
443958.33	3747523.25	7787.18555	0.00001	0.03260	1.56438E-09	0.05940	9.20591E-09	0.00001
444007.49	3747523.25	7759.74135	0.00001	0.03202	1.53655E-09	0.05903	9.14857E-09	0.00001
443961.22	3747450.96	6214.69868	0.00000	0.03028	1.45305E-09	0.05055	7.83432E-09	0.00000
444013.27	3747456.74	6504.44085	0.00000	0.03012	1.44537E-09	0.05238	8.11794E-09	0.00000
443958.33	3747378.66	5227.19529	0.00000	0.02868	1.37627E-09	0.04440	6.88118E-09	0.00000
444001.71	3747381.55	5366.0246	0.00000	0.02824	1.35516E-09	0.04533	7.02532E-09	0.00000

443940.98	3747306.36	4514.42329	0.00000	0.02771	1.32972E-09	0.03964	6.14347E-09	0.00000
443984.35	3747312.15	4696.59146	0.00000	0.02723	1.30669E-09	0.04124	6.39144E-09	0.00000
443940.98	3747231.17	3958.12399	0.00000	0.02657	1.27502E-09	0.03551	5.50340E-09	0.00000
444047.98	3747514.58	7761.85977	0.00001	0.03180	1.52599E-09	0.05953	9.22606E-09	0.00001
CONCUNIT ug/	m^3	0	0.00000	0.00000	0.00000E+00	0.00000	0.00000E+00	0.00000
0	0	0	0.00000	0.00000	0.00000E+00	0.00000	0.00000E+00	0.00000
0	0	0	0.00000	0.00000	0.00000E+00	0.00000	0.00000E+00	0.00000

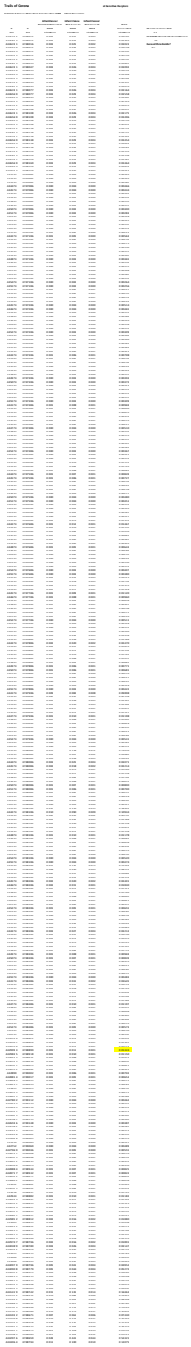
Trails of Corona

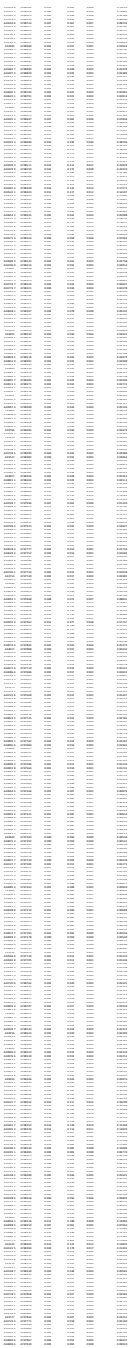
Cancer Risk Impacts from Construction at the Maximum Impacted Sensitive Receptor - Infant

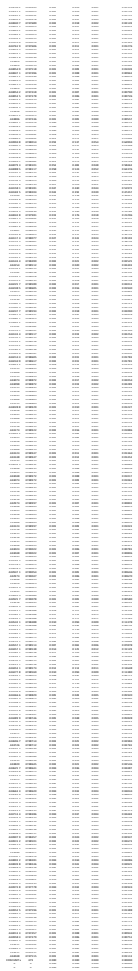
Cancer Potency Factor:	1.1	$(mg/kg\text{-}day)^{-1}$
Exposure Frequency	350	days/year
Averaging Period	25550	days

Year	Unit DPM Concentration (ug/m3)	Age Sensitivty Factor	Daily Breathing Rate (L/kg-day)	Time At Home Factor	Exposure Duration (years)	Unit Risk Factor $(ug/m3)^{-1}$
3rd Trimester	1	10	361	1	0.25	13.6
1	1	10	1090	1	0.75	123.2
2	1	10	1090	1	1	164.2

Air Toxics NSR Program Health Risk Assessment (HRA) Guidelines







Trails of Corona

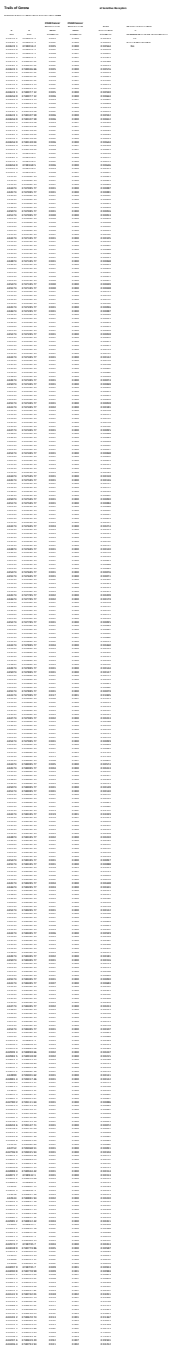
tier IV

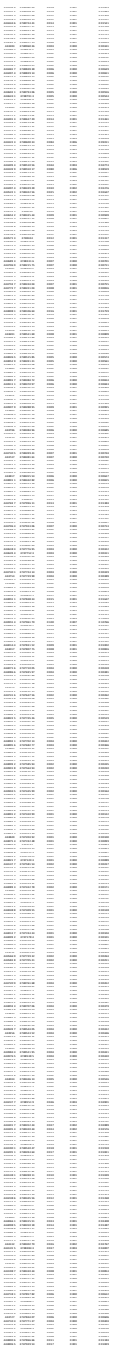
Cancer Risk Impacts from Construction at the Maximum Impacted Sensitive Receptor - Child
UTM: (565046,4185977)

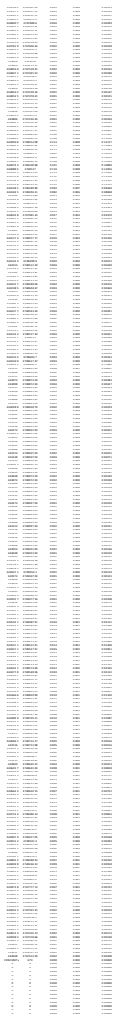
Cancer Potency Factor:	1.1	$(mg/kg\text{-}day)^{-1}$
Exposure Frequency	350	days/year
Averaging Period	25550	days

Year	DPM Concentration (ug/m3)	Age Sensitivty Factor	Daily Breathing Rate (L/kg-day)	Time At Home Factor	Exposure Duration (years)	Unit Risk Factor $(ug/m3)^{-1}$
1	1	3	572	1	1	25.9
2	1	3	572	1	1	25.9

Air Toxics NSR Program Health Risk Assessment (HRA) Guidelines







Trails of Corona

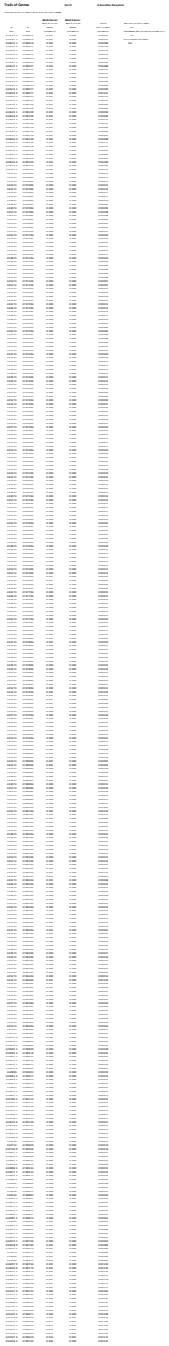
tier IV

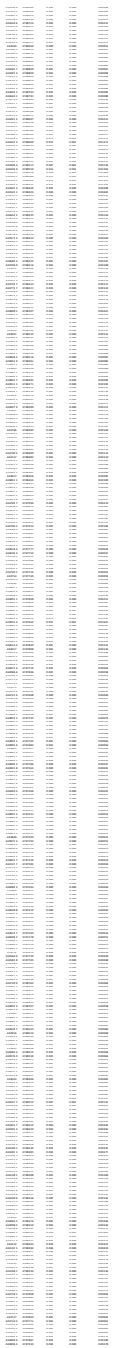
Cancer Risk Impacts from Construction at the Maximum Impacted Sensitive Receptor - Adult

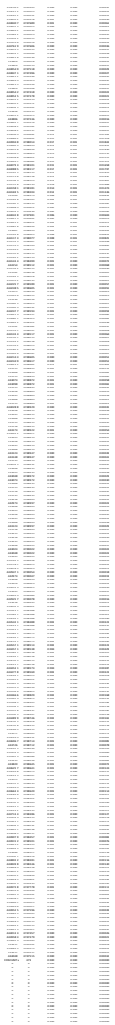
Cancer Potency Factor:	1.1	$(mg/kg\text{-}day)^{-1}$
Exposure Frequency	350	days/year
Averaging Period	25550	days

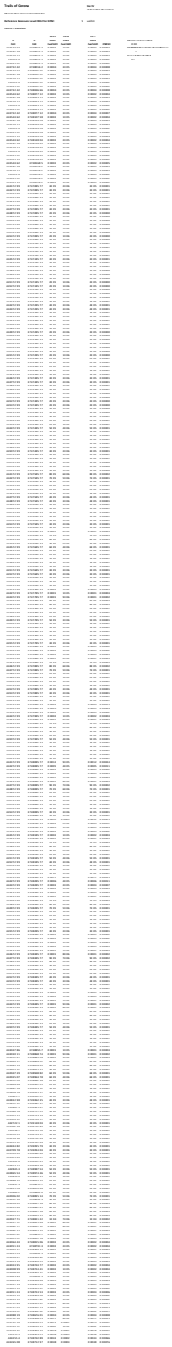
Year	DPM Concentration (ug/m3)	Age Sensitivty Factor	Daily Breathing Rate (L/kg-day)	Time At Home Factor	Exposure Duration (years)	Unit Risk Factor $(ug/m3)^{-1}$
1	1	1	261	1	1	3.9
2	1	1	261	1	1	3.9

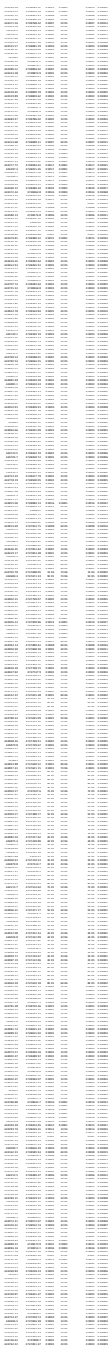
Air Toxics NSR Program Health Risk Assessment (HRA) Guidelines

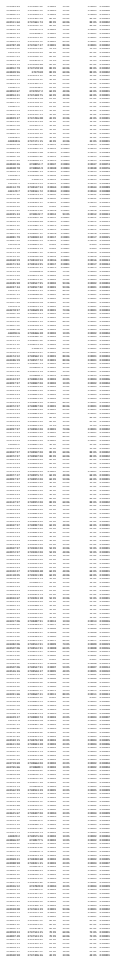












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** AERMOD View Ver. 9.6.1
** Lakes Environmental Software Inc.
** Date: 9/1/2018
** File: C:\Users\xli\Desktop\5082.0001 Trails of Corona\HRA\Phase I
construction\Phase I construction.ADI
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** AERMOD Control Pathway
**************************************
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Corona\HRA\Construction HRA
   MODELOPT DFAULT CONC
   AVERTIME ANNUAL
   URBANOPT 100000
   POLLUTID DPM
   RUNORNOT RUN
   ERRORFIL "Phase I construction.err"
CO FINISHED
**
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** AERMOD Source Pathway
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** Source ID - Type - X Coord. - Y Coord. **
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182.900
** DESCRSRC PA 1 and 2 onsite
   LOCATION PAREA2       AREAPOLY   443350.967  3748898.860
195.770
** DESCRSRC PA 3 onsite
   LOCATION PAREA3       AREAPOLY   443955.851  3747916.824
219.640
** DESCRSRC PA 6 onsite
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** DESCRSRC offiste to PA1, 2 and 3
** PREFIX
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** Elevated
** Vertical Dimension = 6.22
** SZINIT = 1.45
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LOCATION L0000233     VOLUME   443721.906 3747967.394 228.71
LOCATION L0000234     VOLUME   443715.860 3747960.728 228.97
LOCATION L0000235     VOLUME   443709.814 3747954.061 229.24
LOCATION L0000236     VOLUME   443703.768 3747947.395 229.69
LOCATION L0000237     VOLUME   443697.721 3747940.728 229.79
LOCATION L0000238     VOLUME   443691.675 3747934.061 229.81
LOCATION L0000239     VOLUME   443685.629 3747927.395 229.83
LOCATION L0000240     VOLUME   443679.583 3747920.728 229.85
LOCATION L0000241     VOLUME   443673.536 3747914.062 230.34
LOCATION L0000242     VOLUME   443667.490 3747907.395 230.98
LOCATION L0000243     VOLUME   443661.444 3747900.729 231.63
LOCATION L0000244     VOLUME   443655.398 3747894.062 232.28
LOCATION L0000245     VOLUME   443649.351 3747887.396 232.92
LOCATION L0000246     VOLUME   443643.305 3747880.729 232.98
LOCATION L0000247     VOLUME   443637.259 3747874.062 233.00
LOCATION L0000248     VOLUME   443631.213 3747867.396 233.02
LOCATION L0000249     VOLUME   443625.166 3747860.729 233.04
LOCATION L0000250     VOLUME   443619.120 3747854.063 233.06
LOCATION L0000251     VOLUME   443613.074 3747847.396 232.96
LOCATION L0000252     VOLUME   443607.028 3747840.730 232.67
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LOCATION L0000254     VOLUME   443594.935 3747827.397 231.57
LOCATION L0000255     VOLUME   443588.889 3747820.730 231.16
LOCATION L0000256     VOLUME   443582.843 3747814.064 231.18
LOCATION L0000257     VOLUME   443576.796 3747807.397 231.20
LOCATION L0000258     VOLUME   443570.750 3747800.730 231.22
LOCATION L0000259     VOLUME   443564.704 3747794.064 231.37
LOCATION L0000260     VOLUME   443558.658 3747787.397 231.92
LOCATION L0000261     VOLUME   443559.285 3747780.621 232.56
LOCATION L0000262     VOLUME   443565.108 3747773.758 233.29
LOCATION L0000263     VOLUME   443570.930 3747766.895 233.94
LOCATION L0000264     VOLUME   443576.753 3747760.033 234.53
LOCATION L0000265     VOLUME   443582.576 3747753.170 235.20
LOCATION L0000266     VOLUME   443588.399 3747746.308 235.96
LOCATION L0000267     VOLUME   443594.222 3747739.445 236.83
LOCATION L0000268     VOLUME   443600.044 3747732.583 237.52
LOCATION L0000269     VOLUME   443605.867 3747725.720 238.09
LOCATION L0000270     VOLUME   443611.690 3747718.857 238.75
LOCATION L0000271     VOLUME   443617.289 3747711.835 239.49
LOCATION L0000272     VOLUME   443621.884 3747704.097 240.22
LOCATION L0000273     VOLUME   443626.479 3747696.358 240.89
LOCATION L0000274     VOLUME   443631.074 3747688.619 241.56
LOCATION L0000275     VOLUME   443635.669 3747680.881 242.23
LOCATION L0000276     VOLUME   443640.264 3747673.142 242.79
LOCATION L0000277     VOLUME   443644.858 3747665.403 243.21
LOCATION L0000278     VOLUME   443649.453 3747657.665 243.62
LOCATION L0000279     VOLUME   443654.048 3747649.926 244.03
LOCATION L0000280     VOLUME   443659.474 3747643.038 244.44
LOCATION L0000281     VOLUME   443667.318 3747638.625 244.85
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LOCATION L0000283     VOLUME   443683.006 3747629.801 245.61
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LOCATION L0000288     VOLUME   443715.017 3747650.677 244.66
LOCATION L0000289     VOLUME   443720.989 3747657.410 244.24
LOCATION L0000290     VOLUME   443726.962 3747664.143 243.82
LOCATION L0000291     VOLUME   443732.934 3747670.875 243.39
LOCATION L0000292     VOLUME   443738.907 3747677.608 242.97
LOCATION L0000293     VOLUME   443744.879 3747684.341 242.91
LOCATION L0000294     VOLUME   443750.852 3747691.073 242.88
LOCATION L0000295     VOLUME   443756.824 3747697.806 242.86
LOCATION L0000296     VOLUME   443762.797 3747704.539 242.83
LOCATION L0000297     VOLUME   443768.769 3747711.271 242.31
LOCATION L0000298     VOLUME   443774.742 3747718.004 240.64
LOCATION L0000299     VOLUME   443780.714 3747724.737 239.20
LOCATION L0000300     VOLUME   443786.687 3747731.469 238.12
LOCATION L0000301     VOLUME   443792.659 3747738.202 237.36
LOCATION L0000302     VOLUME   443798.632 3747744.935 236.75
LOCATION L0000303     VOLUME   443804.604 3747751.667 235.71
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LOCATION L0000305     VOLUME   443816.513 3747765.165 233.74
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   LOCATION L0000313     VOLUME   443863.992 3747819.292 231.38
   LOCATION L0000314     VOLUME   443869.927 3747826.057 231.35
   LOCATION L0000315     VOLUME   443875.862 3747832.823 231.55
   LOCATION L0000316     VOLUME   443881.797 3747839.589 231.74
   LOCATION L0000317     VOLUME   443887.732 3747846.355 231.94
   LOCATION L0000318     VOLUME   443893.667 3747853.121 231.75
   LOCATION L0000319     VOLUME   443899.602 3747859.887 231.28
   LOCATION L0000320     VOLUME   443905.537 3747866.652 230.74
   LOCATION L0000321     VOLUME   443911.472 3747873.418 230.11
   LOCATION L0000322     VOLUME   443917.407 3747880.184 229.39
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** Source Parameters **
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   AREAVERT PAREA1       442898.793 3749115.117 442864.836 3749084.734
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   AREAVERT PAREA1       443125.774 3748804.136 443145.433 3748813.072
   AREAVERT PAREA1       443109.689 3748875.626 443120.412 3748902.435
   AREAVERT PAREA1       443154.370 3748918.520 443211.562 3748863.115
   AREAVERT PAREA1       443215.136 3748855.966 443249.094 3748888.137
   AREAVERT PAREA1       443252.668 3748920.307 443059.646 3749084.734
   AREAVERT PAREA1       443027.475 3749090.096 442988.156 3749057.925
   SRCPARAM PAREA2            1.0     5.000        58
   AREAVERT PAREA2       443350.967 3748898.860 443317.009 3748873.839
   AREAVERT PAREA2       443320.584 3748809.498 443347.392 3748822.008
   AREAVERT PAREA2       443392.074 3748779.114 443488.585 3748723.710
   AREAVERT PAREA2       443526.117 3748704.050 443594.033 3748682.603
   AREAVERT PAREA2       443622.629 3748659.369 443545.777 3748575.368
   AREAVERT PAREA2       443527.904 3748562.858 443431.111 3748651.642
   AREAVERT PAREA2       443369.093 3748683.325 443346.848 3748662.428
   AREAVERT PAREA2       443369.767 3748643.553 443392.013 3748621.982
   AREAVERT PAREA2       443385.272 3748607.826 443396.057 3748586.255
   AREAVERT PAREA2       443415.606 3748585.581 443429.327 3748561.867
   AREAVERT PAREA2       443431.706 3748537.282 443425.362 3748492.871
   AREAVERT PAREA2       443426.948 3748465.114 443461.843 3748445.287
   AREAVERT PAREA2       443470.566 3748443.701 443484.048 3748474.630
   AREAVERT PAREA2       443508.633 3748460.355 443545.907 3748447.666
   AREAVERT PAREA2       443618.076 3748393.738 443722.229 3748312.161
   AREAVERT PAREA2       443826.832 3748226.929 443850.587 3748203.074
   AREAVERT PAREA2       443855.949 3748167.326 443938.169 3748235.247
   AREAVERT PAREA2       443920.295 3748260.271 443818.414 3748326.405
   AREAVERT PAREA2       443628.949 3748496.208 443621.799 3748512.295
   AREAVERT PAREA2       443754.067 3748619.539 443766.579 3748615.964
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   AREAVERT PAREA2       443838.075 3748642.775 443805.902 3748694.610
   AREAVERT PAREA2       443798.752 3748710.696 443780.878 3748732.145
   AREAVERT PAREA2       443734.406 3748726.783 443704.020 3748741.082
   AREAVERT PAREA2       443648.610 3748758.956 443546.728 3748775.043
   AREAVERT PAREA2       443466.295 3748816.153 443357.264 3748896.586
   SRCPARAM PAREA3             1.0     5.000        20
   AREAVERT PAREA3       443955.851 3747916.824 443980.194 3747884.077
   AREAVERT PAREA3       443997.922 3747815.962 444013.785 3747757.178
   AREAVERT PAREA3       444038.978 3747717.988 444065.104 3747670.401
   AREAVERT PAREA3       444088.432 3747624.679 444097.182 3747593.536
   AREAVERT PAREA3       444094.143 3747552.513 444074.391 3747505.412
   AREAVERT PAREA3       444063.756 3747435.520 444042.484 3747364.108
   AREAVERT PAREA3       443996.902 3747268.386 443967.396 3747166.787
   AREAVERT PAREA3       443903.069 3747206.373 443932.758 3747379.561
   AREAVERT PAREA3       443932.758 3747438.939 443922.862 3747659.135
   AREAVERT PAREA3       443910.491 3747740.780 443873.380 3747824.900
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SRCPARAM L0000186     0.0040650407      3.11      4.19      1.45
SRCPARAM L0000187     0.0040650407      3.11      4.19      1.45
SRCPARAM L0000188     0.0040650407      3.11      4.19      1.45
SRCPARAM L0000189     0.0040650407      3.11      4.19      1.45
SRCPARAM L0000190     0.0040650407      3.11      4.19      1.45
SRCPARAM L0000191     0.0040650407      3.11      4.19      1.45
SRCPARAM L0000192     0.0040650407      3.11      4.19      1.45
SRCPARAM L0000193     0.0040650407      3.11      4.19      1.45
SRCPARAM L0000194     0.0040650407      3.11      4.19      1.45
SRCPARAM L0000195     0.0040650407      3.11      4.19      1.45
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SRCPARAM L0000197     0.0040650407      3.11      4.19      1.45
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SRCPARAM L0000199     0.0040650407      3.11      4.19      1.45
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SRCPARAM L0000202     0.0040650407      3.11      4.19      1.45
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SRCPARAM L0000207     0.0040650407      3.11      4.19      1.45
SRCPARAM L0000208     0.0040650407      3.11      4.19      1.45
SRCPARAM L0000209     0.0040650407      3.11      4.19      1.45
SRCPARAM L0000210     0.0040650407      3.11      4.19      1.45
SRCPARAM L0000211     0.0040650407      3.11      4.19      1.45
SRCPARAM L0000212     0.0040650407      3.11      4.19      1.45
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SRCPARAM L0000214     0.0040650407      3.11      4.19      1.45
SRCPARAM L0000215     0.0040650407      3.11      4.19      1.45
SRCPARAM L0000216     0.0040650407      3.11      4.19      1.45
SRCPARAM L0000217     0.0040650407      3.11      4.19      1.45
SRCPARAM L0000218     0.0040650407      3.11      4.19      1.45
SRCPARAM L0000219     0.0040650407      3.11      4.19      1.45
SRCPARAM L0000220     0.0040650407      3.11      4.19      1.45
SRCPARAM L0000221     0.0040650407      3.11      4.19      1.45
SRCPARAM L0000222     0.0040650407      3.11      4.19      1.45
SRCPARAM L0000223     0.0040650407      3.11      4.19      1.45
SRCPARAM L0000224     0.0040650407      3.11      4.19      1.45
SRCPARAM L0000225     0.0040650407      3.11      4.19      1.45
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SRCPARAM L0000229     0.0040650407      3.11      4.19      1.45
SRCPARAM L0000230     0.0040650407      3.11      4.19      1.45
SRCPARAM L0000231     0.0040650407      3.11      4.19      1.45
SRCPARAM L0000232     0.0040650407      3.11      4.19      1.45
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SRCPARAM L0000238     0.0040650407      3.11      4.19      1.45
SRCPARAM L0000239     0.0040650407      3.11      4.19      1.45
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SRCPARAM L0000245     0.0040650407      3.11      4.19      1.45
SRCPARAM L0000246     0.0040650407      3.11      4.19      1.45
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SRCPARAM L0000249     0.0040650407      3.11      4.19      1.45
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SRCPARAM L0000271     0.0040650407      3.11      4.19      1.45
SRCPARAM L0000272     0.0040650407      3.11      4.19      1.45
SRCPARAM L0000273     0.0040650407      3.11      4.19      1.45
SRCPARAM L0000274     0.0040650407      3.11      4.19      1.45
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SRCPARAM L0000277     0.0040650407      3.11      4.19      1.45
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   SRCPARAM L0000322     0.0040650407      3.11      4.19      1.45
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   URBANSRC L0000319
   URBANSRC L0000320
   URBANSRC L0000321
   URBANSRC L0000322

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA1       HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA2       HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA3       HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000001     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000001     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000002     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000023     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
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EMISFACT L0000035     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000036     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000036     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000037     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000037     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000037     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000037     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000038     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000038     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000038     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000038     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
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   EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000035     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000037     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000037     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000038     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000038     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000038     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000038     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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   EMISFACT L0000077     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000077     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000087     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000318     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000319     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000319     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000319     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000319     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000320     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000320     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000320     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000320     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000321     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000321     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000321     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000321     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000322     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000322     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000322     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000322     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   SRCGROUP Area1    PAREA1
   SRCGROUP Area2    PAREA2
   SRCGROUP Area3    PAREA3
   SRCGROUP Line1    L0000001 L0000002 L0000003 L0000004 L0000005
L0000006
   SRCGROUP Line1    L0000007 L0000008 L0000009 L0000010 L0000011
L0000012
   SRCGROUP Line1    L0000013 L0000014 L0000015 L0000016 L0000017
L0000018
   SRCGROUP Line1    L0000019 L0000020 L0000021 L0000022 L0000023
L0000024
   SRCGROUP Line1    L0000025 L0000026 L0000027 L0000028 L0000029
L0000030
   SRCGROUP Line1    L0000031 L0000032 L0000033 L0000034 L0000035
L0000036
   SRCGROUP Line1    L0000037 L0000038
   SRCGROUP Line2    L0000077 L0000078 L0000079 L0000080 L0000081
L0000082
   SRCGROUP Line2    L0000083 L0000084 L0000085 L0000086 L0000087
L0000088
   SRCGROUP Line2    L0000089 L0000090 L0000091 L0000092 L0000093
L0000094
   SRCGROUP Line2    L0000095 L0000096 L0000097 L0000098 L0000099
L0000100
   SRCGROUP Line2    L0000101 L0000102 L0000103 L0000104 L0000105
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   SRCGROUP Line2    L0000107 L0000108 L0000109 L0000110 L0000111
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   SRCGROUP Line2    L0000113 L0000114 L0000115 L0000116 L0000117
L0000118
   SRCGROUP Line2    L0000119 L0000120 L0000121 L0000122 L0000123
L0000124
   SRCGROUP Line2    L0000125 L0000126 L0000127 L0000128 L0000129
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   SRCGROUP Line2    L0000131 L0000132 L0000133 L0000134 L0000135
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   SRCGROUP Line2    L0000137 L0000138 L0000139 L0000140 L0000141
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   SRCGROUP Line2    L0000143 L0000144 L0000145 L0000146 L0000147
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   SRCGROUP Line2    L0000149 L0000150 L0000151 L0000152 L0000153
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   SRCGROUP Line2    L0000155 L0000156 L0000157 L0000158 L0000159
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   SRCGROUP Line2    L0000161 L0000162 L0000163 L0000164 L0000165
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   SRCGROUP Line2    L0000167 L0000168 L0000169 L0000170 L0000171
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   SRCGROUP Line2    L0000173 L0000174 L0000175 L0000176 L0000177
L0000178
   SRCGROUP Line2    L0000179 L0000180 L0000181 L0000182 L0000183
L0000184
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   SRCGROUP Line2    L0000185 L0000186 L0000187 L0000188 L0000189
L0000190
   SRCGROUP Line2    L0000191 L0000192 L0000193 L0000194 L0000195
L0000196
   SRCGROUP Line2    L0000197 L0000198 L0000199 L0000200 L0000201
L0000202
   SRCGROUP Line2    L0000203 L0000204 L0000205 L0000206 L0000207
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   SRCGROUP Line2    L0000209 L0000210 L0000211 L0000212 L0000213
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   SRCGROUP Line2    L0000215 L0000216 L0000217 L0000218 L0000219
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   SRCGROUP Line2    L0000221 L0000222 L0000223 L0000224 L0000225
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   SRCGROUP Line2    L0000227 L0000228 L0000229 L0000230 L0000231
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   SRCGROUP Line2    L0000233 L0000234 L0000235 L0000236 L0000237
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   SRCGROUP Line2    L0000239 L0000240 L0000241 L0000242 L0000243
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   SRCGROUP Line2    L0000245 L0000246 L0000247 L0000248 L0000249
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   SRCGROUP Line2    L0000251 L0000252 L0000253 L0000254 L0000255
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   SRCGROUP Line2    L0000257 L0000258 L0000259 L0000260 L0000261
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   SRCGROUP Line2    L0000263 L0000264 L0000265 L0000266 L0000267
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   SRCGROUP Line2    L0000269 L0000270 L0000271 L0000272 L0000273
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   SRCGROUP Line2    L0000275 L0000276 L0000277 L0000278 L0000279
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   SRCGROUP Line2    L0000281 L0000282 L0000283 L0000284 L0000285
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   SRCGROUP Line2    L0000287 L0000288 L0000289 L0000290 L0000291
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   SRCGROUP Line2    L0000293 L0000294 L0000295 L0000296 L0000297
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   SRCGROUP Line2    L0000299 L0000300 L0000301 L0000302 L0000303
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   SRCGROUP Line2    L0000305 L0000306 L0000307 L0000308 L0000309
L0000310
   SRCGROUP Line2    L0000311 L0000312 L0000313 L0000314 L0000315
L0000316
   SRCGROUP Line2    L0000317 L0000318 L0000319 L0000320 L0000321
L0000322
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
```

```
**
**
RE STARTING
   INCLUDED "Phase I construction.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE ..\ChinoAirportADJU\KCNO_V9_ADJU\KCNO_v9.SFC
   PROFFILE ..\ChinoAirportADJU\KCNO_V9_ADJU\KCNO_v9.PFL
   SURFDATA 3179 2012
   UAIRDATA 3190 2012
   PROFBASE 198.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
** Auto-Generated Plotfiles
   PLOTFILE ANNUAL ALL "PHASE I CONSTRUCTION.AD\AN00GALL.PLT" 31
   PLOTFILE ANNUAL Area1 "PHASE I CONSTRUCTION.AD\AN00G001.PLT" 32
   PLOTFILE ANNUAL Area2 "PHASE I CONSTRUCTION.AD\AN00G002.PLT" 33
   PLOTFILE ANNUAL Area3 "PHASE I CONSTRUCTION.AD\AN00G003.PLT" 34
   PLOTFILE ANNUAL Line1 "PHASE I CONSTRUCTION.AD\AN00G004.PLT" 35
   PLOTFILE ANNUAL Line2 "PHASE I CONSTRUCTION.AD\AN00G005.PLT" 36
   SUMMFILE "Phase I construction.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

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

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


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


    ********   WARNING MESSAGES   ********
 ME W186    4536       MEOPEN: THRESH_1MIN 1-min ASOS wind speed
threshold used           0.50
```

```
 ME W187    4536       MEOPEN: ADJ_U* Option for Stable Low Winds used
in AERMET

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


 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                             ***     MODEL SETUP
OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

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

   --  DEPOSITION LOGIC  --
 **NO GAS DEPOSITION Data Provided.
 **NO PARTICLE DEPOSITION Data Provided.
 **Model Uses NO DRY DEPLETION.  DRYDPLT  =  F
 **Model Uses NO WET DEPLETION.  WETDPLT  =  F

 **Model Uses URBAN Dispersion Algorithm for the SBL for   287
Source(s),
   for Total of    1 Urban Area(s):
   Urban Population =    100000.0 ;  Urban Roughness Length =  1.000 m

 **Model Uses Regulatory DEFAULT Options:
        1. Stack-tip Downwash.
        2. Model Accounts for ELEVated Terrain Effects.
        3. Use Calms Processing Routine.
        4. Use Missing Data Processing Routine.
        5. No Exponential Decay.
        6. Urban Roughness Length of 1.0 Meter Assumed.

 **Other Options Specified:
        ADJ_U*   - Use ADJ_U* option for SBL in AERMET
        CCVR_Sub - Meteorological data includes CCVR substitutions
        TEMP_Sub - Meteorological data includes TEMP substitutions

 **Model Assumes No FLAGPOLE Receptor Heights.

 **The User Specified a Pollutant Type of:  DPM

 **Model Calculates ANNUAL Averages Only
```

```
 **This Run Includes:    287 Source(s);       6 Source Group(s); and
783 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    284 VOLUME source(s)
                 and:      3 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with      0 line(s)


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

 **The AERMET Input Meteorological Data Version Date:  16216

 **Output Options Selected:
         Model Outputs Tables of ANNUAL Averages by Receptor
         Model Outputs External File(s) of High Values for Plotting
(PLOTFILE Keyword)
         Model Outputs Separate Summary File of High Ranked Values
(SUMMFILE Keyword)

 **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:  Base Elev. for Pot. Temp. Profile (m MSL) =
198.00 ;  Decay Coef. =    0.000     ;  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 =      4.3 MB of RAM.

 **Input Runstream File:          aermod.inp
 **Output Print File:             aermod.out

 **Detailed Error/Message File:   Phase I construction.err
 **File for Summary of Results:   Phase I construction.sum

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```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000001	0	0.26316E-01	443298.5	3749093.8	192.1	3.11	4.19	1.45	YES	HRDOW
L0000002	0	0.26316E-01	443297.1	3749084.9	192.3	3.11	4.19	1.45	YES	HRDOW
L0000003	0	0.26316E-01	443295.7	3749076.0	192.2	3.11	4.19	1.45	YES	HRDOW
L0000004	0	0.26316E-01	443294.2	3749067.1	192.2	3.11	4.19	1.45	YES	HRDOW
L0000005	0	0.26316E-01	443292.8	3749058.2	192.1	3.11	4.19	1.45	YES	HRDOW
L0000006	0	0.26316E-01	443291.4	3749049.3	192.3	3.11	4.19	1.45	YES	HRDOW
L0000007	0	0.26316E-01	443290.0	3749040.4	192.5	3.11	4.19	1.45	YES	HRDOW
L0000008	0	0.26316E-01	443288.5	3749031.6	192.8	3.11	4.19	1.45	YES	HRDOW
L0000009	0	0.26316E-01	443287.1	3749022.7	192.9	3.11	4.19	1.45	YES	HRDOW
L0000010	0	0.26316E-01	443285.7	3749013.8	192.9	3.11	4.19	1.45	YES	HRDOW
L0000011	0	0.26316E-01	443284.2	3749004.9	192.8	3.11	4.19	1.45	YES	HRDOW
L0000012	0	0.26316E-01	443282.8	3748996.0	192.8	3.11	4.19	1.45	YES	HRDOW
L0000013	0	0.26316E-01	443281.4	3748987.1	192.7	3.11	4.19	1.45	YES	HRDOW
L0000014	0	0.26316E-01	443280.1	3748978.2	192.7	3.11	4.19	1.45	YES	HRDOW
L0000015	0	0.26316E-01	443278.7	3748969.3	192.6	3.11	4.19	1.45	YES	HRDOW
L0000016	0	0.26316E-01	443277.3	3748960.4	192.3	3.11	4.19	1.45	YES	HRDOW
L0000017	0	0.26316E-01	443275.9	3748951.5	191.9	3.11	4.19	1.45	YES	HRDOW
L0000018	0	0.26316E-01	443274.5	3748942.6	191.3	3.11	4.19	1.45	YES	HRDOW

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 L0000019         0   0.26316E-01  443273.2 3748933.8   190.8     3.11
4.19     1.45     YES   HRDOW
 L0000020         0   0.26316E-01  443271.8 3748924.9   190.2     3.11
4.19     1.45     YES   HRDOW
 L0000021         0   0.26316E-01  443270.4 3748916.0   189.6     3.11
4.19     1.45     YES   HRDOW
 L0000022         0   0.26316E-01  443269.0 3748907.1   189.0     3.11
4.19     1.45     YES   HRDOW
 L0000023         0   0.26316E-01  443267.6 3748898.2   188.8     3.11
4.19     1.45     YES   HRDOW
 L0000024         0   0.26316E-01  443266.3 3748889.3   188.6     3.11
4.19     1.45     YES   HRDOW
 L0000025         0   0.26316E-01  443262.3 3748881.2   188.2     3.11
4.19     1.45     YES   HRDOW
 L0000026         0   0.26316E-01  443258.3 3748873.2   188.0     3.11
4.19     1.45     YES   HRDOW
 L0000027         0   0.26316E-01  443254.3 3748865.1   188.1     3.11
4.19     1.45     YES   HRDOW
 L0000028         0   0.26316E-01  443250.2 3748857.1   188.2     3.11
4.19     1.45     YES   HRDOW
 L0000029         0   0.26316E-01  443246.2 3748849.0   188.4     3.11
4.19     1.45     YES   HRDOW
 L0000030         0   0.26316E-01  443241.6 3748841.3   188.5     3.11
4.19     1.45     YES   HRDOW
 L0000031         0   0.26316E-01  443236.5 3748833.9   188.6     3.11
4.19     1.45     YES   HRDOW
 L0000032         0   0.26316E-01  443231.4 3748826.5   188.7     3.11
4.19     1.45     YES   HRDOW
 L0000033         0   0.26316E-01  443226.3 3748819.0   189.1     3.11
4.19     1.45     YES   HRDOW
 L0000034         0   0.26316E-01  443219.7 3748813.4   190.1     3.11
4.19     1.45     YES   HRDOW
 L0000035         0   0.26316E-01  443211.7 3748809.2   191.3     3.11
4.19     1.45     YES   HRDOW
 L0000036         0   0.26316E-01  443203.7 3748805.1   192.6     3.11
4.19     1.45     YES   HRDOW
 L0000037         0   0.26316E-01  443195.7 3748800.9   193.1     3.11
4.19     1.45     YES   HRDOW
 L0000038         0   0.26316E-01  443187.8 3748796.7   192.5     3.11
4.19     1.45     YES   HRDOW
 L0000077         0   0.40650E-02  444178.3 3748954.8   208.4     3.11
4.19     1.45     YES   HRDOW
 L0000078         0   0.40650E-02  444187.2 3748953.3   208.4     3.11
4.19     1.45     YES   HRDOW

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE SCALAR VARY BY
L0000079	0	0.40650E-02	444196.0	3748951.8	208.5	3.11	4.19	1.45	YES HRDOW
L0000080	0	0.40650E-02	444204.9	3748950.3	208.5	3.11	4.19	1.45	YES HRDOW
L0000081	0	0.40650E-02	444213.8	3748948.8	208.6	3.11	4.19	1.45	YES HRDOW
L0000082	0	0.40650E-02	444222.7	3748947.3	208.6	3.11	4.19	1.45	YES HRDOW
L0000083	0	0.40650E-02	444231.5	3748945.8	208.7	3.11	4.19	1.45	YES HRDOW
L0000084	0	0.40650E-02	444240.4	3748944.3	208.7	3.11	4.19	1.45	YES HRDOW
L0000085	0	0.40650E-02	444249.3	3748942.8	208.8	3.11	4.19	1.45	YES HRDOW
L0000086	0	0.40650E-02	444258.2	3748941.3	208.8	3.11	4.19	1.45	YES HRDOW
L0000087	0	0.40650E-02	444267.0	3748939.8	208.9	3.11	4.19	1.45	YES HRDOW
L0000088	0	0.40650E-02	444275.9	3748938.3	208.9	3.11	4.19	1.45	YES HRDOW
L0000089	0	0.40650E-02	444284.8	3748936.8	209.2	3.11	4.19	1.45	YES HRDOW
L0000090	0	0.40650E-02	444293.7	3748935.3	209.5	3.11	4.19	1.45	YES HRDOW
L0000091	0	0.40650E-02	444302.5	3748933.8	209.8	3.11	4.19	1.45	YES HRDOW
L0000092	0	0.40650E-02	444311.4	3748932.2	210.0	3.11	4.19	1.45	YES HRDOW
L0000093	0	0.40650E-02	444320.3	3748930.7	210.0	3.11	4.19	1.45	YES HRDOW
L0000094	0	0.40650E-02	444329.1	3748929.2	210.0	3.11	4.19	1.45	YES HRDOW
L0000095	0	0.40650E-02	444338.0	3748927.7	210.0	3.11	4.19	1.45	YES HRDOW
L0000096	0	0.40650E-02	444346.9	3748926.2	210.2	3.11	4.19	1.45	YES HRDOW
L0000097	0	0.40650E-02	444355.8	3748924.7	210.6	3.11	4.19	1.45	YES HRDOW

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 L0000098         0   0.40650E-02  444364.6 3748923.2   210.8     3.11
4.19     1.45     YES   HRDOW
 L0000099         0   0.40650E-02  444373.5 3748921.7   211.0     3.11
4.19     1.45     YES   HRDOW
 L0000100         0   0.40650E-02  444382.4 3748920.2   211.0     3.11
4.19     1.45     YES   HRDOW
 L0000101         0   0.40650E-02  444390.2 3748918.0   211.0     3.11
4.19     1.45     YES   HRDOW
 L0000102         0   0.40650E-02  444388.8 3748909.1   211.0     3.11
4.19     1.45     YES   HRDOW
 L0000103         0   0.40650E-02  444387.4 3748900.2   211.1     3.11
4.19     1.45     YES   HRDOW
 L0000104         0   0.40650E-02  444385.9 3748891.3   211.3     3.11
4.19     1.45     YES   HRDOW
 L0000105         0   0.40650E-02  444384.5 3748882.4   211.4     3.11
4.19     1.45     YES   HRDOW
 L0000106         0   0.40650E-02  444383.1 3748873.5   211.6     3.11
4.19     1.45     YES   HRDOW
 L0000107         0   0.40650E-02  444381.7 3748864.7   211.8     3.11
4.19     1.45     YES   HRDOW
 L0000108         0   0.40650E-02  444380.2 3748855.8   212.0     3.11
4.19     1.45     YES   HRDOW
 L0000109         0   0.40650E-02  444378.8 3748846.9   212.3     3.11
4.19     1.45     YES   HRDOW
 L0000110         0   0.40650E-02  444377.4 3748838.0   212.5     3.11
4.19     1.45     YES   HRDOW
 L0000111         0   0.40650E-02  444375.9 3748829.1   212.7     3.11
4.19     1.45     YES   HRDOW
 L0000112         0   0.40650E-02  444374.5 3748820.2   212.9     3.11
4.19     1.45     YES   HRDOW
 L0000113         0   0.40650E-02  444372.9 3748811.4   213.0     3.11
4.19     1.45     YES   HRDOW
 L0000114         0   0.40650E-02  444371.0 3748802.6   213.0     3.11
4.19     1.45     YES   HRDOW
 L0000115         0   0.40650E-02  444369.2 3748793.8   213.0     3.11
4.19     1.45     YES   HRDOW
 L0000116         0   0.40650E-02  444367.4 3748784.9   213.0     3.11
4.19     1.45     YES   HRDOW
 L0000117         0   0.40650E-02  444365.5 3748776.1   213.3     3.11
4.19     1.45     YES   HRDOW
 L0000118         0   0.40650E-02  444363.7 3748767.3   213.6     3.11
4.19     1.45     YES   HRDOW

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN EMISSION RATE VARY BY
L0000119	0	0.40650E-02	444361.9	3748758.5	213.9	3.11	4.19	1.45	YES HRDOW
L0000120	0	0.40650E-02	444360.0	3748749.7	214.2	3.11	4.19	1.45	YES HRDOW
L0000121	0	0.40650E-02	444358.2	3748740.9	214.5	3.11	4.19	1.45	YES HRDOW
L0000122	0	0.40650E-02	444356.4	3748732.1	214.8	3.11	4.19	1.45	YES HRDOW
L0000123	0	0.40650E-02	444353.5	3748723.6	215.1	3.11	4.19	1.45	YES HRDOW
L0000124	0	0.40650E-02	444349.9	3748715.4	215.4	3.11	4.19	1.45	YES HRDOW
L0000125	0	0.40650E-02	444346.3	3748707.1	215.6	3.11	4.19	1.45	YES HRDOW
L0000126	0	0.40650E-02	444342.6	3748698.9	215.9	3.11	4.19	1.45	YES HRDOW
L0000127	0	0.40650E-02	444339.0	3748690.7	216.0	3.11	4.19	1.45	YES HRDOW
L0000128	0	0.40650E-02	444335.3	3748682.4	216.1	3.11	4.19	1.45	YES HRDOW
L0000129	0	0.40650E-02	444331.7	3748674.2	216.2	3.11	4.19	1.45	YES HRDOW
L0000130	0	0.40650E-02	444328.1	3748666.0	216.4	3.11	4.19	1.45	YES HRDOW
L0000131	0	0.40650E-02	444324.4	3748657.7	216.9	3.11	4.19	1.45	YES HRDOW
L0000132	0	0.40650E-02	444320.8	3748649.5	217.4	3.11	4.19	1.45	YES HRDOW
L0000133	0	0.40650E-02	444317.1	3748641.3	217.8	3.11	4.19	1.45	YES HRDOW
L0000134	0	0.40650E-02	444313.5	3748633.0	218.1	3.11	4.19	1.45	YES HRDOW
L0000135	0	0.40650E-02	444308.0	3748625.9	218.3	3.11	4.19	1.45	YES HRDOW
L0000136	0	0.40650E-02	444302.4	3748618.9	218.6	3.11	4.19	1.45	YES HRDOW
L0000137	0	0.40650E-02	444296.8	3748611.9	218.8	3.11	4.19	1.45	YES HRDOW
L0000138	0	0.40650E-02	444291.1	3748604.8	219.0	3.11	4.19	1.45	YES HRDOW

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 L0000139         0   0.40650E-02  444285.5 3748597.8   219.3     3.11
4.19     1.45     YES   HRDOW
 L0000140         0   0.40650E-02  444279.9 3748590.8   219.5     3.11
4.19     1.45     YES   HRDOW
 L0000141         0   0.40650E-02  444274.3 3748583.7   219.8     3.11
4.19     1.45     YES   HRDOW
 L0000142         0   0.40650E-02  444268.7 3748576.7   220.0     3.11
4.19     1.45     YES   HRDOW
 L0000143         0   0.40650E-02  444263.1 3748569.7   220.2     3.11
4.19     1.45     YES   HRDOW
 L0000144         0   0.40650E-02  444257.5 3748562.6   220.5     3.11
4.19     1.45     YES   HRDOW
 L0000145         0   0.40650E-02  444251.8 3748555.6   220.7     3.11
4.19     1.45     YES   HRDOW
 L0000146         0   0.40650E-02  444246.2 3748548.6   220.9     3.11
4.19     1.45     YES   HRDOW
 L0000147         0   0.40650E-02  444240.6 3748541.5   221.1     3.11
4.19     1.45     YES   HRDOW
 L0000148         0   0.40650E-02  444235.0 3748534.5   221.2     3.11
4.19     1.45     YES   HRDOW
 L0000149         0   0.40650E-02  444229.4 3748527.5   221.4     3.11
4.19     1.45     YES   HRDOW
 L0000150         0   0.40650E-02  444223.8 3748520.4   221.7     3.11
4.19     1.45     YES   HRDOW
 L0000151         0   0.40650E-02  444218.2 3748513.4   222.1     3.11
4.19     1.45     YES   HRDOW
 L0000152         0   0.40650E-02  444212.6 3748506.4   222.0     3.11
4.19     1.45     YES   HRDOW
 L0000153         0   0.40650E-02  444206.9 3748499.3   221.9     3.11
4.19     1.45     YES   HRDOW
 L0000154         0   0.40650E-02  444201.3 3748492.3   221.7     3.11
4.19     1.45     YES   HRDOW
 L0000155         0   0.40650E-02  444195.7 3748485.2   221.4     3.11
4.19     1.45     YES   HRDOW
 L0000156         0   0.40650E-02  444190.1 3748478.2   221.1     3.11
4.19     1.45     YES   HRDOW
 L0000157         0   0.40650E-02  444184.5 3748471.2   221.2     3.11
4.19     1.45     YES   HRDOW
 L0000158         0   0.40650E-02  444178.9 3748464.1   221.4     3.11
4.19     1.45     YES   HRDOW

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                                                      *** VOLUME SOURCE
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SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN EMISSION RATE SCALAR VARY BY
L0000159	0	0.40650E-02	444173.1	3748457.3	221.9	3.11	4.19	1.45	YES HRDOW
L0000160	0	0.40650E-02	444167.0	3748450.6	221.5	3.11	4.19	1.45	YES HRDOW
L0000161	0	0.40650E-02	444160.9	3748444.0	221.1	3.11	4.19	1.45	YES HRDOW
L0000162	0	0.40650E-02	444154.9	3748437.3	220.9	3.11	4.19	1.45	YES HRDOW
L0000163	0	0.40650E-02	444148.8	3748430.7	220.6	3.11	4.19	1.45	YES HRDOW
L0000164	0	0.40650E-02	444142.7	3748424.0	220.5	3.11	4.19	1.45	YES HRDOW
L0000165	0	0.40650E-02	444136.7	3748417.4	220.5	3.11	4.19	1.45	YES HRDOW
L0000166	0	0.40650E-02	444130.6	3748410.8	220.5	3.11	4.19	1.45	YES HRDOW
L0000167	0	0.40650E-02	444124.5	3748404.1	220.7	3.11	4.19	1.45	YES HRDOW
L0000168	0	0.40650E-02	444118.4	3748397.5	221.0	3.11	4.19	1.45	YES HRDOW
L0000169	0	0.40650E-02	444112.4	3748390.8	221.0	3.11	4.19	1.45	YES HRDOW
L0000170	0	0.40650E-02	444106.3	3748384.2	221.0	3.11	4.19	1.45	YES HRDOW
L0000171	0	0.40650E-02	444100.2	3748377.5	221.0	3.11	4.19	1.45	YES HRDOW
L0000172	0	0.40650E-02	444094.1	3748370.9	220.8	3.11	4.19	1.45	YES HRDOW
L0000173	0	0.40650E-02	444088.0	3748364.4	220.5	3.11	4.19	1.45	YES HRDOW
L0000174	0	0.40650E-02	444081.8	3748357.8	220.0	3.11	4.19	1.45	YES HRDOW
L0000175	0	0.40650E-02	444075.6	3748351.2	219.3	3.11	4.19	1.45	YES HRDOW
L0000176	0	0.40650E-02	444069.5	3748344.7	218.6	3.11	4.19	1.45	YES HRDOW
L0000177	0	0.40650E-02	444063.3	3748338.1	217.1	3.11	4.19	1.45	YES HRDOW
L0000178	0	0.40650E-02	444057.2	3748331.6	215.9	3.11	4.19	1.45	YES HRDOW
L0000179	0	0.40650E-02	444051.0	3748325.0	214.8	3.11	4.19	1.45	YES HRDOW

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 L0000180         0   0.40650E-02  444044.8 3748318.4   213.8     3.11
4.19     1.45     YES   HRDOW
 L0000181         0   0.40650E-02  444038.7 3748311.9   213.0     3.11
4.19     1.45     YES   HRDOW
 L0000182         0   0.40650E-02  444032.5 3748305.3   212.8     3.11
4.19     1.45     YES   HRDOW
 L0000183         0   0.40650E-02  444026.4 3748298.7   212.9     3.11
4.19     1.45     YES   HRDOW
 L0000184         0   0.40650E-02  444020.2 3748292.2   213.1     3.11
4.19     1.45     YES   HRDOW
 L0000185         0   0.40650E-02  444014.0 3748285.6   213.4     3.11
4.19     1.45     YES   HRDOW
 L0000186         0   0.40650E-02  444007.9 3748279.1   213.8     3.11
4.19     1.45     YES   HRDOW
 L0000187         0   0.40650E-02  444001.7 3748272.5   214.0     3.11
4.19     1.45     YES   HRDOW
 L0000188         0   0.40650E-02  443995.6 3748265.9   214.2     3.11
4.19     1.45     YES   HRDOW
 L0000189         0   0.40650E-02  443989.4 3748259.4   214.5     3.11
4.19     1.45     YES   HRDOW
 L0000190         0   0.40650E-02  443983.2 3748252.8   214.7     3.11
4.19     1.45     YES   HRDOW
 L0000191         0   0.40650E-02  443977.1 3748246.2   214.8     3.11
4.19     1.45     YES   HRDOW
 L0000192         0   0.40650E-02  443970.9 3748239.7   215.1     3.11
4.19     1.45     YES   HRDOW
 L0000193         0   0.40650E-02  443964.8 3748233.1   215.3     3.11
4.19     1.45     YES   HRDOW
 L0000194         0   0.40650E-02  443958.6 3748226.6   215.6     3.11
4.19     1.45     YES   HRDOW
 L0000195         0   0.40650E-02  443952.5 3748220.0   215.8     3.11
4.19     1.45     YES   HRDOW
 L0000196         0   0.40650E-02  443946.3 3748213.4   216.1     3.11
4.19     1.45     YES   HRDOW
 L0000197         0   0.40650E-02  443940.1 3748206.9   216.3     3.11
4.19     1.45     YES   HRDOW
 L0000198         0   0.40650E-02  443934.0 3748200.3   216.5     3.11
4.19     1.45     YES   HRDOW

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                                                      *** VOLUME SOURCE
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SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC)	SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN
L0000199	0	0.40650E-02	HRDOW	443927.8	3748193.7	216.8	3.11	4.19	1.45	YES
L0000200	0	0.40650E-02	HRDOW	443921.7	3748187.2	217.0	3.11	4.19	1.45	YES
L0000201	0	0.40650E-02	HRDOW	443915.5	3748180.6	217.1	3.11	4.19	1.45	YES
L0000202	0	0.40650E-02	HRDOW	443909.3	3748174.1	217.1	3.11	4.19	1.45	YES
L0000203	0	0.40650E-02	HRDOW	443903.3	3748167.4	217.2	3.11	4.19	1.45	YES
L0000204	0	0.40650E-02	HRDOW	443897.2	3748160.7	217.2	3.11	4.19	1.45	YES
L0000205	0	0.40650E-02	HRDOW	443891.2	3748154.1	217.2	3.11	4.19	1.45	YES
L0000206	0	0.40650E-02	HRDOW	443885.2	3748147.4	217.7	3.11	4.19	1.45	YES
L0000207	0	0.40650E-02	HRDOW	443879.1	3748140.7	218.2	3.11	4.19	1.45	YES
L0000208	0	0.40650E-02	HRDOW	443873.1	3748134.1	218.6	3.11	4.19	1.45	YES
L0000209	0	0.40650E-02	HRDOW	443867.0	3748127.4	219.0	3.11	4.19	1.45	YES
L0000210	0	0.40650E-02	HRDOW	443861.0	3748120.7	219.2	3.11	4.19	1.45	YES
L0000211	0	0.40650E-02	HRDOW	443854.9	3748114.1	219.6	3.11	4.19	1.45	YES
L0000212	0	0.40650E-02	HRDOW	443848.9	3748107.4	220.0	3.11	4.19	1.45	YES
L0000213	0	0.40650E-02	HRDOW	443842.8	3748100.7	220.4	3.11	4.19	1.45	YES
L0000214	0	0.40650E-02	HRDOW	443836.8	3748094.1	220.8	3.11	4.19	1.45	YES
L0000215	0	0.40650E-02	HRDOW	443830.7	3748087.4	221.2	3.11	4.19	1.45	YES
L0000216	0	0.40650E-02	HRDOW	443824.7	3748080.7	221.7	3.11	4.19	1.45	YES
L0000217	0	0.40650E-02	HRDOW	443818.6	3748074.1	222.1	3.11	4.19	1.45	YES
L0000218	0	0.40650E-02	HRDOW	443812.6	3748067.4	222.5	3.11	4.19	1.45	YES
L0000219	0	0.40650E-02	HRDOW	443806.6	3748060.7	223.0	3.11	4.19	1.45	YES

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 L0000220         0   0.40650E-02  443800.5 3748054.1   223.4     3.11
4.19     1.45     YES   HRDOW
 L0000221         0   0.40650E-02  443794.5 3748047.4   223.6     3.11
4.19     1.45     YES   HRDOW
 L0000222         0   0.40650E-02  443788.4 3748040.7   223.9     3.11
4.19     1.45     YES   HRDOW
 L0000223         0   0.40650E-02  443782.4 3748034.1   224.2     3.11
4.19     1.45     YES   HRDOW
 L0000224         0   0.40650E-02  443776.3 3748027.4   224.9     3.11
4.19     1.45     YES   HRDOW
 L0000225         0   0.40650E-02  443770.3 3748020.7   225.6     3.11
4.19     1.45     YES   HRDOW
 L0000226         0   0.40650E-02  443764.2 3748014.1   225.9     3.11
4.19     1.45     YES   HRDOW
 L0000227         0   0.40650E-02  443758.2 3748007.4   226.1     3.11
4.19     1.45     YES   HRDOW
 L0000228         0   0.40650E-02  443752.1 3748000.7   226.5     3.11
4.19     1.45     YES   HRDOW
 L0000229         0   0.40650E-02  443746.1 3747994.1   227.0     3.11
4.19     1.45     YES   HRDOW
 L0000230         0   0.40650E-02  443740.0 3747987.4   227.5     3.11
4.19     1.45     YES   HRDOW
 L0000231         0   0.40650E-02  443734.0 3747980.7   228.1     3.11
4.19     1.45     YES   HRDOW
 L0000232         0   0.40650E-02  443728.0 3747974.1   228.4     3.11
4.19     1.45     YES   HRDOW
 L0000233         0   0.40650E-02  443721.9 3747967.4   228.7     3.11
4.19     1.45     YES   HRDOW
 L0000234         0   0.40650E-02  443715.9 3747960.7   229.0     3.11
4.19     1.45     YES   HRDOW
 L0000235         0   0.40650E-02  443709.8 3747954.1   229.2     3.11
4.19     1.45     YES   HRDOW
 L0000236         0   0.40650E-02  443703.8 3747947.4   229.7     3.11
4.19     1.45     YES   HRDOW
 L0000237         0   0.40650E-02  443697.7 3747940.7   229.8     3.11
4.19     1.45     YES   HRDOW
 L0000238         0   0.40650E-02  443691.7 3747934.1   229.8     3.11
4.19     1.45     YES   HRDOW

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                                                      *** VOLUME SOURCE
DATA ***
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SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC)	SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN
L0000239	0	0.40650E-02	HRDOW	443685.6	3747927.4	229.8	3.11	4.19	1.45	YES
L0000240	0	0.40650E-02	HRDOW	443679.6	3747920.7	229.9	3.11	4.19	1.45	YES
L0000241	0	0.40650E-02	HRDOW	443673.5	3747914.1	230.3	3.11	4.19	1.45	YES
L0000242	0	0.40650E-02	HRDOW	443667.5	3747907.4	231.0	3.11	4.19	1.45	YES
L0000243	0	0.40650E-02	HRDOW	443661.4	3747900.7	231.6	3.11	4.19	1.45	YES
L0000244	0	0.40650E-02	HRDOW	443655.4	3747894.1	232.3	3.11	4.19	1.45	YES
L0000245	0	0.40650E-02	HRDOW	443649.4	3747887.4	232.9	3.11	4.19	1.45	YES
L0000246	0	0.40650E-02	HRDOW	443643.3	3747880.7	233.0	3.11	4.19	1.45	YES
L0000247	0	0.40650E-02	HRDOW	443637.3	3747874.1	233.0	3.11	4.19	1.45	YES
L0000248	0	0.40650E-02	HRDOW	443631.2	3747867.4	233.0	3.11	4.19	1.45	YES
L0000249	0	0.40650E-02	HRDOW	443625.2	3747860.7	233.0	3.11	4.19	1.45	YES
L0000250	0	0.40650E-02	HRDOW	443619.1	3747854.1	233.1	3.11	4.19	1.45	YES
L0000251	0	0.40650E-02	HRDOW	443613.1	3747847.4	233.0	3.11	4.19	1.45	YES
L0000252	0	0.40650E-02	HRDOW	443607.0	3747840.7	232.7	3.11	4.19	1.45	YES
L0000253	0	0.40650E-02	HRDOW	443601.0	3747834.1	232.2	3.11	4.19	1.45	YES
L0000254	0	0.40650E-02	HRDOW	443594.9	3747827.4	231.6	3.11	4.19	1.45	YES
L0000255	0	0.40650E-02	HRDOW	443588.9	3747820.7	231.2	3.11	4.19	1.45	YES
L0000256	0	0.40650E-02	HRDOW	443582.8	3747814.1	231.2	3.11	4.19	1.45	YES
L0000257	0	0.40650E-02	HRDOW	443576.8	3747807.4	231.2	3.11	4.19	1.45	YES
L0000258	0	0.40650E-02	HRDOW	443570.8	3747800.7	231.2	3.11	4.19	1.45	YES
L0000259	0	0.40650E-02	HRDOW	443564.7	3747794.1	231.4	3.11	4.19	1.45	YES

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 L0000260         0   0.40650E-02  443558.7 3747787.4   231.9     3.11
4.19     1.45     YES   HRDOW
 L0000261         0   0.40650E-02  443559.3 3747780.6   232.6     3.11
4.19     1.45     YES   HRDOW
 L0000262         0   0.40650E-02  443565.1 3747773.8   233.3     3.11
4.19     1.45     YES   HRDOW
 L0000263         0   0.40650E-02  443570.9 3747766.9   233.9     3.11
4.19     1.45     YES   HRDOW
 L0000264         0   0.40650E-02  443576.8 3747760.0   234.5     3.11
4.19     1.45     YES   HRDOW
 L0000265         0   0.40650E-02  443582.6 3747753.2   235.2     3.11
4.19     1.45     YES   HRDOW
 L0000266         0   0.40650E-02  443588.4 3747746.3   236.0     3.11
4.19     1.45     YES   HRDOW
 L0000267         0   0.40650E-02  443594.2 3747739.4   236.8     3.11
4.19     1.45     YES   HRDOW
 L0000268         0   0.40650E-02  443600.0 3747732.6   237.5     3.11
4.19     1.45     YES   HRDOW
 L0000269         0   0.40650E-02  443605.9 3747725.7   238.1     3.11
4.19     1.45     YES   HRDOW
 L0000270         0   0.40650E-02  443611.7 3747718.9   238.8     3.11
4.19     1.45     YES   HRDOW
 L0000271         0   0.40650E-02  443617.3 3747711.8   239.5     3.11
4.19     1.45     YES   HRDOW
 L0000272         0   0.40650E-02  443621.9 3747704.1   240.2     3.11
4.19     1.45     YES   HRDOW
 L0000273         0   0.40650E-02  443626.5 3747696.4   240.9     3.11
4.19     1.45     YES   HRDOW
 L0000274         0   0.40650E-02  443631.1 3747688.6   241.6     3.11
4.19     1.45     YES   HRDOW
 L0000275         0   0.40650E-02  443635.7 3747680.9   242.2     3.11
4.19     1.45     YES   HRDOW
 L0000276         0   0.40650E-02  443640.3 3747673.1   242.8     3.11
4.19     1.45     YES   HRDOW
 L0000277         0   0.40650E-02  443644.9 3747665.4   243.2     3.11
4.19     1.45     YES   HRDOW
 L0000278         0   0.40650E-02  443649.5 3747657.7   243.6     3.11
4.19     1.45     YES   HRDOW

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                      *** VOLUME SOURCE
DATA ***
```

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN
L0000279	0	0.40650E-02	443654.0	3747649.9	244.0	3.11	4.19	1.45	YES HRDOW
L0000280	0	0.40650E-02	443659.5	3747643.0	244.4	3.11	4.19	1.45	YES HRDOW
L0000281	0	0.40650E-02	443667.3	3747638.6	244.9	3.11	4.19	1.45	YES HRDOW
L0000282	0	0.40650E-02	443675.2	3747634.2	245.3	3.11	4.19	1.45	YES HRDOW
L0000283	0	0.40650E-02	443683.0	3747629.8	245.6	3.11	4.19	1.45	YES HRDOW
L0000284	0	0.40650E-02	443690.9	3747625.4	246.0	3.11	4.19	1.45	YES HRDOW
L0000285	0	0.40650E-02	443697.1	3747630.5	245.8	3.11	4.19	1.45	YES HRDOW
L0000286	0	0.40650E-02	443703.1	3747637.2	245.5	3.11	4.19	1.45	YES HRDOW
L0000287	0	0.40650E-02	443709.0	3747643.9	245.2	3.11	4.19	1.45	YES HRDOW
L0000288	0	0.40650E-02	443715.0	3747650.7	244.7	3.11	4.19	1.45	YES HRDOW
L0000289	0	0.40650E-02	443721.0	3747657.4	244.2	3.11	4.19	1.45	YES HRDOW
L0000290	0	0.40650E-02	443727.0	3747664.1	243.8	3.11	4.19	1.45	YES HRDOW
L0000291	0	0.40650E-02	443732.9	3747670.9	243.4	3.11	4.19	1.45	YES HRDOW
L0000292	0	0.40650E-02	443738.9	3747677.6	243.0	3.11	4.19	1.45	YES HRDOW
L0000293	0	0.40650E-02	443744.9	3747684.3	242.9	3.11	4.19	1.45	YES HRDOW
L0000294	0	0.40650E-02	443750.9	3747691.1	242.9	3.11	4.19	1.45	YES HRDOW
L0000295	0	0.40650E-02	443756.8	3747697.8	242.9	3.11	4.19	1.45	YES HRDOW
L0000296	0	0.40650E-02	443762.8	3747704.5	242.8	3.11	4.19	1.45	YES HRDOW
L0000297	0	0.40650E-02	443768.8	3747711.3	242.3	3.11	4.19	1.45	YES HRDOW
L0000298	0	0.40650E-02	443774.7	3747718.0	240.6	3.11	4.19	1.45	YES HRDOW
L0000299	0	0.40650E-02	443780.7	3747724.7	239.2	3.11	4.19	1.45	YES HRDOW

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 L0000300         0   0.40650E-02  443786.7 3747731.5   238.1     3.11
4.19     1.45     YES   HRDOW
 L0000301         0   0.40650E-02  443792.7 3747738.2   237.4     3.11
4.19     1.45     YES   HRDOW
 L0000302         0   0.40650E-02  443798.6 3747744.9   236.8     3.11
4.19     1.45     YES   HRDOW
 L0000303         0   0.40650E-02  443804.6 3747751.7   235.7     3.11
4.19     1.45     YES   HRDOW
 L0000304         0   0.40650E-02  443810.6 3747758.4   234.7     3.11
4.19     1.45     YES   HRDOW
 L0000305         0   0.40650E-02  443816.5 3747765.2   233.7     3.11
4.19     1.45     YES   HRDOW
 L0000306         0   0.40650E-02  443822.4 3747771.9   232.9     3.11
4.19     1.45     YES   HRDOW
 L0000307         0   0.40650E-02  443828.4 3747778.7   232.1     3.11
4.19     1.45     YES   HRDOW
 L0000308         0   0.40650E-02  443834.3 3747785.5   232.0     3.11
4.19     1.45     YES   HRDOW
 L0000309         0   0.40650E-02  443840.3 3747792.2   232.0     3.11
4.19     1.45     YES   HRDOW
 L0000310         0   0.40650E-02  443846.2 3747799.0   232.0     3.11
4.19     1.45     YES   HRDOW
 L0000311         0   0.40650E-02  443852.1 3747805.8   231.8     3.11
4.19     1.45     YES   HRDOW
 L0000312         0   0.40650E-02  443858.1 3747812.5   231.5     3.11
4.19     1.45     YES   HRDOW
 L0000313         0   0.40650E-02  443864.0 3747819.3   231.4     3.11
4.19     1.45     YES   HRDOW
 L0000314         0   0.40650E-02  443869.9 3747826.1   231.4     3.11
4.19     1.45     YES   HRDOW
 L0000315         0   0.40650E-02  443875.9 3747832.8   231.6     3.11
4.19     1.45     YES   HRDOW
 L0000316         0   0.40650E-02  443881.8 3747839.6   231.7     3.11
4.19     1.45     YES   HRDOW
 L0000317         0   0.40650E-02  443887.7 3747846.4   231.9     3.11
4.19     1.45     YES   HRDOW
 L0000318         0   0.40650E-02  443893.7 3747853.1   231.8     3.11
4.19     1.45     YES   HRDOW

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                      *** VOLUME SOURCE
DATA ***
```

```
                NUMBER EMISSION RATE                      BASE    RELEASE
INIT.    INIT.   URBAN  EMISSION RATE
   SOURCE        PART.  (GRAMS/SEC)     X         Y      ELEV.   HEIGHT
SY       SZ     SOURCE  SCALAR VARY
     ID          CATS.                (METERS)  (METERS)  (METERS)  (METERS)
(METERS)  (METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 L0000319          0   0.40650E-02  443899.6 3747859.9   231.3     3.11
4.19     1.45     YES   HRDOW
 L0000320          0   0.40650E-02  443905.5 3747866.7   230.7     3.11
4.19     1.45     YES   HRDOW
 L0000321          0   0.40650E-02  443911.5 3747873.4   230.1     3.11
4.19     1.45     YES   HRDOW
 L0000322          0   0.40650E-02  443917.4 3747880.2   229.4     3.11
4.19     1.45     YES   HRDOW

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** AREAPOLY SOURCE
DATA ***

                NUMBER EMISSION RATE   LOCATION OF AREA  BASE
RELEASE  NUMBER      INIT.   URBAN  EMISSION RATE
   SOURCE        PART.  (GRAMS/SEC       X         Y      ELEV.
HEIGHT  OF VERTS.     SZ     SOURCE  SCALAR VARY
     ID          CATS.   /METER**2)   (METERS)  (METERS)  (METERS)
(METERS)             (METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 PAREA1            0   0.10000E+01  442898.8 3749115.1   182.9     5.00
16         0.00     YES   HRDOW
 PAREA2            0   0.10000E+01  443351.0 3748898.9   195.8     5.00
58         0.00     YES   HRDOW
 PAREA3            0   0.10000E+01  443955.9 3747916.8   219.6     5.00
20         0.00     YES   HRDOW

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING
SOURCE GROUPS ***

 SRCGROUP ID                                                SOURCE IDs
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  AREA2      PAREA2      ,

  AREA3      PAREA3      ,

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING
SOURCE GROUPS ***

 SRCGROUP ID                                              SOURCE IDs
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                              *** SOURCE IDs DEFINING
SOURCE GROUPS ***

 SRCGROUP ID                                              SOURCE IDs
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                              *** SOURCE IDs DEFINING
SOURCE GROUPS ***

 SRCGROUP ID                                                SOURCE IDs
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINED AS
URBAN SOURCES ***

  URBAN ID   URBAN POP                                  SOURCE IDs
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             L0000148    , L0000149    , L0000150    , L0000151    ,
L0000152    , L0000153    , L0000154    , L0000155    ,

             L0000156    , L0000157    , L0000158    , L0000159    ,
L0000160    , L0000161    , L0000162    , L0000163    ,

             L0000164    , L0000165    , L0000166    , L0000167    ,
L0000168    , L0000169    , L0000170    , L0000171    ,

             L0000172    , L0000173    , L0000174    , L0000175    ,
L0000176    , L0000177    , L0000178    , L0000179    ,

             L0000180    , L0000181    , L0000182    , L0000183    ,
L0000184    , L0000185    , L0000186    , L0000187    ,

             L0000188    , L0000189    , L0000190    , L0000191    ,
L0000192    , L0000193    , L0000194    , L0000195    ,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	L0000196 , L0000197 , L0000198 , L0000199 , L0000200 , L0000201 , L0000202 , L0000203 ,	
	L0000204 , L0000205 , L0000206 , L0000207 , L0000208 , L0000209 , L0000210 , L0000211 ,	
	L0000212 , L0000213 , L0000214 , L0000215 , L0000216 , L0000217 , L0000218 , L0000219 ,	
	L0000220 , L0000221 , L0000222 , L0000223 , L0000224 , L0000225 , L0000226 , L0000227 ,	
	L0000228 , L0000229 , L0000230 , L0000231 , L0000232 , L0000233 , L0000234 , L0000235 ,	
	L0000236 , L0000237 , L0000238 , L0000239 , L0000240 , L0000241 , L0000242 , L0000243 ,	
	L0000244 , L0000245 , L0000246 , L0000247 , L0000248 , L0000249 , L0000250 , L0000251 ,	
	L0000252 , L0000253 , L0000254 , L0000255 , L0000256 , L0000257 , L0000258 , L0000259 ,	
	L0000260 , L0000261 , L0000262 , L0000263 , L0000264 , L0000265 , L0000266 , L0000267 ,	
	L0000268 , L0000269 , L0000270 , L0000271 , L0000272 , L0000273 , L0000274 , L0000275 ,	
	L0000276 , L0000277 , L0000278 , L0000279 , L0000280 , L0000281 , L0000282 , L0000283 ,	
	L0000284 , L0000285 , L0000286 , L0000287 , L0000288 , L0000289 , L0000290 , L0000291 ,	
	L0000292 , L0000293 , L0000294 , L0000295 , L0000296 , L0000297 , L0000298 , L0000299 ,	
	L0000300 , L0000301 , L0000302 , L0000303 , L0000304 , L0000305 , L0000306 , L0000307 ,	

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             L0000308    , L0000309    , L0000310    , L0000311    ,
L0000312    , L0000313    , L0000314    , L0000315    ,

             L0000316    , L0000317    , L0000318    , L0000319    ,
L0000320    , L0000321    , L0000322    ,

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = PAREA1       ; SOURCE TYPE = AREAPOLY :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = PAREA2       ; SOURCE TYPE = AREAPOLY :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = PAREA3       ; SOURCE TYPE = AREAPOLY :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000001     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000002     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *
```

```
 SOURCE ID = L0000003     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000004     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000005     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000006 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000007 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

```
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000008     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000009     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000010 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00
5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00
5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00
5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** AERMOD - VERSION 18081 *** *** C:\Users\xli\Desktop\5082.0001 Trails of Corona\HRA\Construction HRA *** 09/01/18
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000011 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000012     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000013     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000014     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000015     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000016     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000017     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *
```

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 SOURCE ID = L0000018     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000019     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000020     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000021 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000022 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

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 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000023     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000024     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000025   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                    DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00
5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01
13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00
21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00
5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00
13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00
21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00
5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00
13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00
21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000026   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                    DAY OF WEEK = WEEKDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000027     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000028     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000029     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000030     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
```

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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000031     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000032     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *
```

```
 SOURCE ID = L0000033     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                  DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000034     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                  DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000035     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000036 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000037 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

```
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000038     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000077     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000078 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** AERMOD - VERSION 18081 *** *** C:\Users\xli\Desktop\5082.0001 Trails of Corona\HRA\Construction HRA *** 09/01/18
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000079 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000080     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000081     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000082     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000083     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000084     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000085     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *
```

```
 SOURCE ID = L0000086     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000087     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000088     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000089 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000090 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

```
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000091     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000092     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000093 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000094 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000095     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000096     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

PAGE  78
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000097     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000098     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000099     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000100     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *
```

```
 SOURCE ID = L0000101     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000102     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000103     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000104 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000105 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

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 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000106     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000107     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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***        20:07:54
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000108 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00
5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00
5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00
5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

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*** AERMET - VERSION 16216 *** ***
*** 20:07:54

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000109 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000110     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000111     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000112     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000113     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000114     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000115     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *
```

```
 SOURCE ID = L0000116     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                  DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000117     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                  DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000118     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000119 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000120 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

```
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000121     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000122     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000123 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00
5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00
5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00
5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** AERMOD - VERSION 18081 *** *** C:\Users\xli\Desktop\5082.0001 Trails of Corona\HRA\Construction HRA *** 09/01/18
*** AERMET - VERSION 16216 *** ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000124 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000125     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000126     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000127     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000128     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000129     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000130     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *
```

```
 SOURCE ID = L0000131     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                  DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000132     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                  DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000133     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000134 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000135 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

```
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000136     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000137     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000138 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000139 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000140     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000141     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

PAGE 123
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000142     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000143     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000144     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000145     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *
```

```
 SOURCE ID = L0000146     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                  DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000147     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                  DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

PAGE 129
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000148     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000149 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000150 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

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 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000151     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000152     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000153   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                  DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00
5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01
13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00
21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00
5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00
13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00
21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00
5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00
13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00
21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** AERMOD - VERSION 18081 ***   *** C:\Users\xli\Desktop\5082.0001
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 *** AERMET - VERSION 16216 ***   ***
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000154   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                  DAY OF WEEK = WEEKDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000155     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
```

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000156     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000157     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000158     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000159     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000160     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *
```

```
 SOURCE ID = L0000161     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000162     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000163     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000164 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000165 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

```
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000166     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000167     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000168 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00
5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00
5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00
5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** AERMOD - VERSION 18081 *** *** C:\Users\xli\Desktop\5082.0001 Trails of Corona\HRA\Construction HRA *** 09/01/18
*** AERMET - VERSION 16216 *** ***
*** 20:07:54

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000169 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000170     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000171     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000172     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000173     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000174     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000175     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *
```

```
 SOURCE ID = L0000176     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000177     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000178     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000179 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000180 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

```
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000181     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000182     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000183   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                  DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00
5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01
13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00
21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00
5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00
13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00
21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00
5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00
13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00
21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** AERMOD - VERSION 18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***   09/01/18
 *** AERMET - VERSION 16216 ***   ***
***   20:07:54

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000184   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                  DAY OF WEEK = WEEKDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000185     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000186     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000187     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000188     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000189     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000190     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *
```

```
 SOURCE ID = L0000191     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000192     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

PAGE 174
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000193     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000194 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000195 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

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 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000196     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000197     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000198 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00
5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00
5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00
5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** AERMOD - VERSION 18081 *** *** C:\Users\xli\Desktop\5082.0001 Trails of Corona\HRA\Construction HRA *** 09/01/18
*** AERMET - VERSION 16216 *** ***
*** 20:07:54

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000199 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000200     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
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***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000201     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000202     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000203     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000204     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000205     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *
```

```
 SOURCE ID = L0000206     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000207     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000208     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000209 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000210 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

```
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000211     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000212     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000213 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000214 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000215     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000216     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000217     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000218     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000219     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000220     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *
```

```
 SOURCE ID = L0000221     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000222     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000223     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000224 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00
5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00
5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00
5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000225 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

```
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000226     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000227     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000228 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000229 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000230     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000231     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000232     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000233     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000234     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000235     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *
```

```
 SOURCE ID = L0000236     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000237     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000238     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000239 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000240 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

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 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000241     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000242     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000243 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000244 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000245     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
```

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000246     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000247     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000248     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000249     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
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***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000250     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *
```

```
 SOURCE ID = L0000251     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                  DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000252     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                  DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000253     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000254 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000255 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

```
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000256     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000257     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54
```

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000258   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                 DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00
5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01
13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00
21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00
5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00
13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00
21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00
5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00
13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00
21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** AERMOD - VERSION 18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***   09/01/18
 *** AERMET - VERSION 16216 ***   ***
***   20:07:54

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000259   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                 DAY OF WEEK = WEEKDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000260     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000261     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                  DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000262     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000263     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000264     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000265     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *
```

```
 SOURCE ID = L0000266     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000267     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000268     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000269 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000270 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

```
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000271     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000272     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000273 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000274 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000275     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000276     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000277     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000278     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000279     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000280     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *
```

```
 SOURCE ID = L0000281     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                  DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000282     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                  DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000283     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000284 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000285 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

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 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000286     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000287     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000288 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000289 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000290     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
```

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000291     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                  DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000292     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000293     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000294     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
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***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000295     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *
```

```
 SOURCE ID = L0000296     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000297     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000298     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000299 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000300 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

```
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000301     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000302     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000303   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                  DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00
5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01
13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00
21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00
5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00
13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00
21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00
5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00
13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00
21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** AERMOD - VERSION 18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***   09/01/18
 *** AERMET - VERSION 16216 ***   ***
***   20:07:54

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000304   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                  DAY OF WEEK = WEEKDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000305     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000306     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000307     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000308     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000309     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000310     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *
```

```
 SOURCE ID = L0000311     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                  DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000312     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                  DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000313     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000314 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000315 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

```
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000316     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000317     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000318 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00
5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00
5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00
5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

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*** AERMET - VERSION 16216 *** ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000319 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000320     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000321     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000322     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                        *** GRIDDED RECEPTOR NETWORK
SUMMARY ***

                                     *** NETWORK ID: UCART1   ;  NETWORK
TYPE: GRIDCART ***

                                          *** X-COORDINATES OF GRID
***
                                                (METERS)

       443543.6,  443581.4,  443619.1,  443656.9,  443694.7,  443732.4,
```

*** Y-COORDINATES OF GRID ***

(METERS)

3748016.2, 3748046.7, 3748077.1, 3748107.6, 3748138.0, 3748168.5,

*** AERMOD - VERSION 18081 *** *** C:\Users\xli\Desktop\5082.0001 Trails of Corona\HRA\Construction HRA *** 09/01/18
*** AERMET - VERSION 16216 *** ***
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PAGE 305
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	443543.62	443581.38	443619.14	443656.90	443694.66	443732.42
3748168.50	216.80	218.80	220.60	220.20	218.30	218.70
3748138.04	217.00	219.20	221.00	221.10	219.10	219.40
3748107.58	218.00	219.30	221.00	221.50	219.50	220.20
3748077.12	219.70	220.80	221.00	221.50	219.80	220.70
3748046.66	221.10	222.40	222.90	222.20	220.30	221.30
3748016.20	221.80	223.40	224.00	223.80	222.50	223.70

*** AERMOD - VERSION 18081 *** *** C:\Users\xli\Desktop\5082.0001 Trails of Corona\HRA\Construction HRA *** 09/01/18
*** AERMET - VERSION 16216 *** ***
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PAGE 306
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

```
                                                    * HILL HEIGHT SCALES
IN METERS *

    Y-COORD  |                                                    X-COORD
(METERS)
    (METERS) |     443543.62    443581.38    443619.14    443656.90
443694.66    443732.42
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  3748168.50 |       1224.00      1224.00      1224.00      1224.00
1224.00      1224.00
  3748138.04 |       1224.00      1224.00      1224.00      1224.00
1224.00      1224.00
  3748107.58 |       1224.00      1224.00      1224.00      1224.00
1224.00      1224.00
  3748077.12 |       1224.00      1224.00      1224.00      1224.00
1224.00      1224.00
  3748046.66 |       1224.00      1224.00      1224.00      1224.00
1224.00      1224.00
  3748016.20 |       1224.00      1224.00      1224.00      1224.00
1224.00      1224.00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
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PAGE 307
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                          *** GRIDDED RECEPTOR NETWORK
SUMMARY ***

                                        *** NETWORK ID: UCART2   ;  NETWORK
TYPE: GRIDCART ***

                                            *** X-COORDINATES OF GRID
***
                                                      (METERS)

       444173.0,  444273.0,  444373.0,  444473.0,  444573.0,  444673.0,
444773.0,  444873.0,  444973.0,  445073.0,
       445173.0,  445273.0,  445373.0,  445473.0,  445573.0,

                                            *** Y-COORDINATES OF GRID
***
                                                      (METERS)

      3747085.8, 3747185.8, 3747285.8, 3747385.8, 3747485.8, 3747585.8,
3747685.8, 3747785.8, 3747885.8, 3747985.8,
      3748085.8, 3748185.8, 3748285.8, 3748385.8, 3748485.8,
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	444172.99	444272.99	444372.99	444472.99	444572.99
444672.99	444772.99	444872.99	444972.99		
3748485.77	221.50	222.80	222.00	222.00	222.00
222.00	222.00	221.00	221.10		
3748385.77	221.80	224.30	225.30	225.30	225.80
225.30	224.50	224.30	225.30		
3748285.77	223.50	226.50	227.70	228.70	228.70
228.70	227.70	227.70	227.70		
3748185.77	223.20	228.00	231.00	232.00	232.00
232.00	232.00	230.00	230.00		
3748085.77	220.70	228.30	232.00	233.30	234.00
234.00	233.20	232.30	232.30		
3747985.77	219.90	225.80	231.40	234.50	235.70
235.70	235.40	234.70	234.70		
3747885.77	229.50	229.00	229.10	232.90	237.80
237.90	237.00	237.00	237.00		
3747785.77	233.50	233.10	231.50	236.80	239.30
240.30	239.30	239.30	239.30		
3747685.77	237.70	237.40	236.80	239.80	242.70
242.70	242.40	241.70	241.60		
3747585.77	243.00	243.00	239.90	240.70	245.00
245.00	244.00	244.00	244.00		
3747485.77	247.30	246.60	243.20	242.50	245.40
247.90	247.30	247.10	246.30		
3747385.77	251.90	249.80	247.60	246.10	244.10
249.10	249.70	249.70	249.00		
3747285.77	256.60	254.00	252.00	251.00	251.00
252.00	252.60	252.00	252.00		
3747185.77	262.20	257.90	255.30	255.20	255.30
255.30	255.90	255.30	254.30		
3747085.77	269.10	263.90	261.00	259.40	259.40
258.70	258.70	258.10	257.70		

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	445072.99	445172.99	445272.99	445372.99	445472.99	445572.99
3748485.77	222.00	221.00	220.90	219.00	218.20	217.10
3748385.77	224.30	224.30	223.30	222.20	220.50	220.30
3748285.77	227.00	226.70	225.60	224.70	223.70	222.70
3748185.77	229.60	229.00	228.00	227.00	226.00	225.00
3748085.77	232.00	231.30	230.30	228.90	228.10	227.30
3747985.77	234.00	233.70	231.90	231.00	230.70	229.70
3747885.77	237.00	235.20	233.90	233.00	233.00	232.00
3747785.77	239.00	237.10	236.30	236.20	235.30	234.30
3747685.77	240.70	239.70	239.00	238.40	237.70	236.70
3747585.77	243.00	243.00	241.90	240.60	240.00	238.00
3747485.77	246.00	245.30	244.30	243.20	242.10	241.30
3747385.77	248.70	247.70	246.60	244.70	244.10	244.70
3747285.77	251.00	250.00	249.00	248.00	247.00	247.00
3747185.77	253.70	253.10	251.30	251.30	251.30	251.30
3747085.77	256.70	255.70	254.00	253.70	254.70	254.70

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	444172.99	444272.99	444372.99	444472.99	444572.99
3748485.77	1224.00	1224.00	1224.00	1224.00	1224.00
3748385.77	1224.00	1224.00	1224.00	1224.00	1224.00
3748285.77	1224.00	1224.00	1224.00	1224.00	1224.00
3748185.77	1224.00	1224.00	1224.00	1224.00	1224.00
3748085.77	1224.00	1224.00	1224.00	1224.00	1224.00
3747985.77	1224.00	1224.00	1224.00	1224.00	1224.00
3747885.77	1224.00	1224.00	1224.00	1224.00	1224.00
3747785.77	1224.00	1224.00	1224.00	1224.00	1224.00
3747685.77	1224.00	1224.00	1224.00	1224.00	1224.00
3747585.77	1224.00	1224.00	1224.00	1224.00	1224.00
3747485.77	1224.00	1224.00	1224.00	1224.00	1224.00
3747385.77	1224.00	1224.00	1224.00	1224.00	1224.00
3747285.77	1224.00	1224.00	1224.00	1224.00	1224.00
3747185.77	1224.00	1224.00	1224.00	1224.00	1224.00
3747085.77	1224.00	1224.00	1224.00	1224.00	1224.00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	445072.99	445172.99	445272.99	445372.99	445472.99	445572.99
3748485.77	1224.00	1224.00	1224.00	1224.00	1224.00	1224.00
3748385.77	1224.00	1224.00	1224.00	1224.00	1224.00	1224.00
3748285.77	1224.00	1224.00	1224.00	1224.00	1224.00	1224.00
3748185.77	1224.00	1224.00	1224.00	1224.00	1224.00	1224.00
3748085.77	1224.00	1224.00	1224.00	1224.00	1224.00	1224.00
3747985.77	1224.00	1224.00	1224.00	1224.00	1224.00	1224.00
3747885.77	1224.00	1224.00	1224.00	1224.00	1224.00	1224.00
3747785.77	1224.00	1224.00	1224.00	1224.00	1224.00	1224.00
3747685.77	1224.00	1224.00	1224.00	1224.00	1224.00	1224.00
3747585.77	1224.00	1224.00	1224.00	1224.00	1224.00	1224.00
3747485.77	1224.00	1224.00	1224.00	1224.00	1224.00	1224.00
3747385.77	1224.00	1224.00	1224.00	1224.00	1224.00	1224.00
3747285.77	1224.00	1224.00	1224.00	1224.00	1224.00	1224.00
3747185.77	1224.00	1224.00	1224.00	1224.00	1224.00	1224.00
3747085.77	1224.00	1224.00	1224.00	1224.00	1224.00	1224.00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(443047.9, 3748855.7, 188.2, 1224.0, 0.0);
(443030.1, 3748868.7, 188.0, 1224.0, 0.0);
(443016.9, 3748884.6, 187.3, 1224.0, 0.0);
(442999.3, 3748898.7, 186.9, 1224.0, 0.0);
(442983.5, 3748918.0, 186.2, 1224.0, 0.0);
(442962.3, 3748934.7, 185.9, 1224.0, 0.0);
(442947.4, 3748948.8, 185.9, 1224.0, 0.0);
(442935.1, 3748963.8, 185.7, 1224.0, 0.0);
(442916.6, 3748985.8, 184.0, 1224.0, 0.0);
(442899.0, 3749001.6, 182.9, 1224.0, 0.0);
(442881.4, 3749017.5, 183.2, 1224.0, 0.0);
(442868.2, 3749033.3, 182.9, 1224.0, 0.0);
(442854.1, 3749046.5, 183.2, 1224.0, 0.0);
(442833.0, 3749062.3, 183.3, 1224.0, 0.0);
(442816.3, 3749081.7, 183.2, 1224.0, 0.0);
(442801.3, 3749094.9, 183.1, 1224.0, 0.0);
(442780.2, 3749111.6, 182.5, 1224.0, 0.0);
(442764.3, 3749127.5, 182.4, 1224.0, 0.0);
(442750.3, 3749130.1, 183.0, 1224.0, 0.0);
(442722.1, 3749138.0, 184.1, 1224.0, 0.0);
(442705.4, 3749146.8, 184.0, 1224.0, 0.0);
(442678.1, 3749144.2, 184.1, 1224.0, 0.0);
(442659.6, 3749147.7, 184.0, 1224.0, 0.0);
(442638.5, 3749145.1, 184.0, 1224.0, 0.0);
(442662.3, 3749101.1, 185.5, 1224.0, 0.0);
(442694.8, 3749095.8, 185.7, 1224.0, 0.0);
(442709.8, 3749094.0, 185.7, 1224.0, 0.0);
(442730.0, 3749087.0, 186.0, 1224.0, 0.0);
(442752.0, 3749068.5, 186.6, 1224.0, 0.0);
(442796.9, 3749035.9, 187.8, 1224.0, 0.0);
(442817.1, 3749007.8, 188.9, 1224.0, 0.0);
(442845.3, 3748987.5, 188.8, 1224.0, 0.0);
(442865.5, 3748973.5, 188.5, 1224.0, 0.0);
(442840.9, 3748956.7, 190.3, 1224.0, 0.0);
(442888.4, 3748944.4, 189.8, 1224.0, 0.0);
(442871.7, 3748932.1, 191.1, 1224.0, 0.0);

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     ( 442872.6, 3748911.0,     191.7,    1224.0,       0.0);
( 442880.5, 3748896.9,     191.9,    1224.0,       0.0);
     ( 442906.0, 3748895.1,     191.4,    1224.0,       0.0);
( 442925.4, 3748905.7,     191.0,    1224.0,       0.0);
     ( 442928.0, 3748871.4,     192.2,    1224.0,       0.0);
( 442943.0, 3748881.9,     191.3,    1224.0,       0.0);
     ( 442959.7, 3748871.4,     191.1,    1224.0,       0.0);
( 442923.6, 3748842.3,     193.4,    1224.0,       0.0);
     ( 442937.7, 3748821.2,     194.4,    1224.0,       0.0);
( 442971.1, 3748823.0,     193.2,    1224.0,       0.0);
     ( 442986.1, 3748841.5,     191.4,    1224.0,       0.0);
( 442985.2, 3748812.4,     193.4,    1224.0,       0.0);
     ( 443002.0, 3748822.1,     192.6,    1224.0,       0.0);
( 443063.5, 3748836.2,     189.0,    1224.0,       0.0);
     ( 443064.4, 3748815.1,     190.0,    1224.0,       0.0);
( 443051.2, 3748791.3,     190.1,    1224.0,       0.0);
     ( 443003.7, 3748799.2,     193.9,    1224.0,       0.0);
( 442974.7, 3748795.7,     194.9,    1224.0,       0.0);
     ( 443038.9, 3748779.9,     191.5,    1224.0,       0.0);
( 443027.5, 3748759.6,     193.6,    1224.0,       0.0);
     ( 443024.0, 3748743.8,     194.2,    1224.0,       0.0);
( 443009.0, 3748724.4,     195.7,    1224.0,       0.0);
     ( 443009.0, 3748702.4,     196.0,    1224.0,       0.0);
( 443097.9, 3748795.7,     188.4,    1224.0,       0.0);
     ( 443090.8, 3748779.0,     188.5,    1224.0,       0.0);
( 443071.5, 3748764.0,     188.7,    1224.0,       0.0);
     ( 443064.4, 3748742.0,     188.8,    1224.0,       0.0);
( 443051.2, 3748723.5,     188.9,    1224.0,       0.0);
     ( 443042.4, 3748707.7,     190.4,    1224.0,       0.0);
( 443042.4, 3748691.8,     190.5,    1224.0,       0.0);
     ( 443141.9, 3748742.0,     188.5,    1224.0,       0.0);
( 443121.6, 3748726.2,     189.0,    1224.0,       0.0);
     ( 443107.5, 3748705.0,     188.9,    1224.0,       0.0);
( 443088.2, 3748676.0,     188.8,    1224.0,       0.0);
     ( 443145.4, 3748708.6,     189.5,    1224.0,       0.0);
( 443176.2, 3748679.5,     190.4,    1224.0,       0.0);
     ( 443103.1, 3748670.7,     189.0,    1224.0,       0.0);
( 443230.8, 3748790.4,     193.1,    1224.0,       0.0);
     ( 443242.2, 3748767.5,     194.1,    1224.0,       0.0);
( 443255.4, 3748742.9,     194.2,    1224.0,       0.0);
     ( 443265.1, 3748713.0,     194.4,    1224.0,       0.0);
( 443278.3, 3748687.4,     193.8,    1224.0,       0.0);
     ( 443297.6, 3748659.3,     194.8,    1224.0,       0.0);
( 443306.4, 3748793.9,     189.0,    1224.0,       0.0);
     ( 443339.9, 3748786.0,     189.7,    1224.0,       0.0);
( 443371.6, 3748768.4,     192.8,    1224.0,       0.0);
     ( 443392.7, 3748757.0,     194.0,    1224.0,       0.0);
( 443418.2, 3748739.4,     195.4,    1224.0,       0.0);
     ( 443444.6, 3748724.4,     195.3,    1224.0,       0.0);
( 443471.9, 3748711.2,     198.0,    1224.0,       0.0);
     ( 443496.5, 3748694.5,     199.4,    1224.0,       0.0);
( 443525.6, 3748681.3,     199.6,    1224.0,       0.0);
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     ( 443548.5, 3748668.1,     201.7,    1224.0,       0.0);
( 443583.6, 3748651.4,     203.1,    1224.0,       0.0);

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
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PAGE 313
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

     ( 443383.0, 3748960.3,     196.0,    1224.0,       0.0);
( 443380.4, 3748936.5,     196.0,    1224.0,       0.0);
     ( 443370.7, 3748910.1,     196.0,    1224.0,       0.0);
( 443386.5, 3748896.0,     196.2,    1224.0,       0.0);
     ( 443423.5, 3748874.9,     197.5,    1224.0,       0.0);
( 443448.1, 3748859.9,     198.3,    1224.0,       0.0);
     ( 443465.7, 3748849.4,     198.9,    1224.0,       0.0);
( 443497.4, 3748829.1,     200.5,    1224.0,       0.0);
     ( 443513.2, 3748820.3,     201.3,    1224.0,       0.0);
( 443539.6, 3748809.8,     201.7,    1224.0,       0.0);
     ( 443559.9, 3748803.6,     201.6,    1224.0,       0.0);
( 443581.9, 3748796.6,     201.8,    1224.0,       0.0);
     ( 443602.1, 3748793.1,     202.5,    1224.0,       0.0);
( 443624.1, 3748791.3,     203.2,    1224.0,       0.0);
     ( 443642.6, 3748786.9,     203.0,    1224.0,       0.0);
( 443661.1, 3748783.4,     203.3,    1224.0,       0.0);
     ( 443684.0, 3748786.0,     204.0,    1224.0,       0.0);
( 443535.2, 3748597.7,     206.5,    1224.0,       0.0);
     ( 443511.5, 3748617.0,     204.7,    1224.0,       0.0);
( 443491.2, 3748637.3,     203.4,    1224.0,       0.0);
     ( 443468.4, 3748647.8,     201.5,    1224.0,       0.0);
( 443441.1, 3748674.2,     201.5,    1224.0,       0.0);
     ( 443414.7, 3748689.2,     199.5,    1224.0,       0.0);
( 443389.2, 3748705.9,     197.0,    1224.0,       0.0);
     ( 443307.3, 3748632.0,     196.1,    1224.0,       0.0);
( 443322.3, 3748600.3,     198.3,    1224.0,       0.0);
     ( 443336.4, 3748572.2,     200.7,    1224.0,       0.0);
( 443355.7, 3748617.0,     196.0,    1224.0,       0.0);
     ( 443377.7, 3748583.6,     196.7,    1224.0,       0.0);
( 443387.4, 3748555.4,     198.5,    1224.0,       0.0);
     ( 443399.7, 3748531.7,     198.0,    1224.0,       0.0);
( 443409.4, 3748510.6,     197.7,    1224.0,       0.0);
     ( 443339.9, 3748550.2,     201.2,    1224.0,       0.0);
( 443358.4, 3748517.6,     203.9,    1224.0,       0.0);
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     ( 443360.1, 3748489.4,     203.1,    1224.0,       0.0);
( 443372.4, 3748464.8,     201.1,    1224.0,       0.0);
     ( 443394.4, 3748441.0,     203.8,    1224.0,       0.0);
( 443497.4, 3748439.3,     199.8,    1224.0,       0.0);
     ( 443522.0, 3748422.6,     203.4,    1224.0,       0.0);
( 443541.4, 3748404.1,     205.8,    1224.0,       0.0);
     ( 443557.2, 3748392.6,     208.0,    1224.0,       0.0);
( 443580.1, 3748376.8,     208.2,    1224.0,       0.0);
     ( 443602.1, 3748365.4,     208.6,    1224.0,       0.0);
( 443623.2, 3748346.0,     208.4,    1224.0,       0.0);
     ( 443653.2, 3748335.4,     207.0,    1224.0,       0.0);
( 443671.6, 3748321.4,     207.3,    1224.0,       0.0);
     ( 443508.8, 3748368.9,     208.2,    1224.0,       0.0);
( 443479.8, 3748380.3,     206.6,    1224.0,       0.0);
     ( 443526.5, 3748355.7,     209.2,    1224.0,       0.0);
( 443548.5, 3748339.8,     209.9,    1224.0,       0.0);
     ( 443571.3, 3748324.0,     209.5,    1224.0,       0.0);
( 443590.7, 3748310.8,     209.9,    1224.0,       0.0);
     ( 443612.7, 3748296.7,     211.2,    1224.0,       0.0);
( 443636.5, 3748282.6,     211.5,    1224.0,       0.0);
     ( 443654.9, 3748265.9,     212.8,    1224.0,       0.0);
( 443672.5, 3748246.6,     214.2,    1224.0,       0.0);
     ( 443689.2, 3748231.6,     215.8,    1224.0,       0.0);
( 443706.8, 3748215.8,     217.0,    1224.0,       0.0);
     ( 443691.0, 3748297.6,     209.2,    1224.0,       0.0);
( 443707.7, 3748282.6,     212.2,    1224.0,       0.0);
     ( 443725.3, 3748266.8,     215.9,    1224.0,       0.0);
( 443741.2, 3748257.1,     218.1,    1224.0,       0.0);
     ( 443759.7, 3748243.0,     217.3,    1224.0,       0.0);
( 443773.7, 3748221.0,     219.2,    1224.0,       0.0);
     ( 443794.9, 3748203.4,     219.5,    1224.0,       0.0);
( 443813.3, 3748185.8,     219.1,    1224.0,       0.0);
     ( 443824.8, 3748163.8,     219.7,    1224.0,       0.0);
( 443842.4, 3748150.6,     219.2,    1224.0,       0.0);
     ( 443794.9, 3748123.3,     222.0,    1224.0,       0.0);
( 443808.1, 3748106.6,     221.6,    1224.0,       0.0);
     ( 443773.7, 3748145.3,     221.4,    1224.0,       0.0);
( 443762.3, 3748169.1,     220.2,    1224.0,       0.0);
     ( 443749.1, 3748183.2,     219.4,    1224.0,       0.0);
( 443724.5, 3748197.3,     218.0,    1224.0,       0.0);
     ( 443669.0, 3748506.2,     207.3,    1224.0,       0.0);
( 443691.0, 3748531.7,     208.9,    1224.0,       0.0);
     ( 443709.5, 3748544.9,     209.0,    1224.0,       0.0);
( 443731.5, 3748574.8,     206.6,    1224.0,       0.0);
     ( 443760.5, 3748588.0,     205.2,    1224.0,       0.0);
( 443782.5, 3748564.2,     207.0,    1224.0,       0.0);
     ( 443807.2, 3748539.6,     207.2,    1224.0,       0.0);
( 443826.5, 3748515.8,     207.1,    1224.0,       0.0);
     ( 443852.9, 3748491.2,     207.0,    1224.0,       0.0);
( 443863.5, 3748470.1,     207.0,    1224.0,       0.0);
     ( 443882.0, 3748439.3,     207.4,    1224.0,       0.0);
( 443881.1, 3748410.2,     207.7,    1224.0,       0.0);
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     ( 443899.6, 3748423.4,     207.7,    1224.0,       0.0);
( 443891.7, 3748384.7,     208.4,    1224.0,       0.0);
     ( 443911.1, 3748371.0,     208.8,    1224.0,       0.0);
( 443929.5, 3748345.5,     208.8,    1224.0,       0.0);

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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PAGE 314
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

     ( 443939.0, 3748329.0,     209.2,    1224.0,       0.0);
( 443955.0, 3748309.9,     209.9,    1224.0,       0.0);
     ( 443975.3, 3748291.5,     211.4,    1224.0,       0.0);
( 443932.7, 3748260.3,     211.7,    1224.0,       0.0);
     ( 443907.9, 3748288.9,     209.4,    1224.0,       0.0);
( 443892.0, 3748306.8,     209.1,    1224.0,       0.0);
     ( 443878.6, 3748325.2,     208.9,    1224.0,       0.0);
( 443864.7, 3748341.1,     208.7,    1224.0,       0.0);
     ( 443848.1, 3748357.6,     207.7,    1224.0,       0.0);
( 443829.7, 3748376.7,     207.6,    1224.0,       0.0);
     ( 443796.0, 3748385.0,     207.5,    1224.0,       0.0);
( 443774.4, 3748402.8,     207.8,    1224.0,       0.0);
     ( 443747.0, 3748423.8,     207.3,    1224.0,       0.0);
( 443723.5, 3748442.2,     208.1,    1224.0,       0.0);
     ( 443705.7, 3748458.7,     209.8,    1224.0,       0.0);
( 443678.4, 3748482.9,     207.9,    1224.0,       0.0);
     ( 443730.5, 3748499.4,     209.5,    1224.0,       0.0);
( 443747.0, 3748481.6,     209.5,    1224.0,       0.0);
     ( 443773.1, 3748465.7,     207.9,    1224.0,       0.0);
( 443753.4, 3748477.8,     209.1,    1224.0,       0.0);
     ( 443778.2, 3748500.0,     208.2,    1224.0,       0.0);
( 443792.2, 3748481.0,     207.2,    1224.0,       0.0);
     ( 443817.0, 3748455.5,     207.0,    1224.0,       0.0);
( 443801.1, 3748442.8,     207.0,    1224.0,       0.0);
     ( 443815.7, 3748424.4,     207.0,    1224.0,       0.0);
( 443834.1, 3748437.7,     207.0,    1224.0,       0.0);
     ( 443855.1, 3748084.1,     220.6,    1224.0,       0.0);
( 443836.6, 3748062.1,     221.9,    1224.0,       0.0);
     ( 443812.8, 3748041.0,     223.8,    1224.0,       0.0);
( 443769.7, 3747996.1,     228.0,    1224.0,       0.0);
     ( 443828.6, 3748013.7,     224.8,    1224.0,       0.0);
( 443816.3, 3747989.9,     228.3,    1224.0,       0.0);
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     ( 443813.7, 3747954.8,     232.3,    1224.0,       0.0);
( 443764.4, 3747961.8,     230.9,    1224.0,       0.0);
     ( 443730.1, 3747945.1,     231.4,    1224.0,       0.0);
( 443706.3, 3747923.1,     230.7,    1224.0,       0.0);
     ( 443688.7, 3747902.8,     230.9,    1224.0,       0.0);
( 443664.9, 3747880.8,     232.6,    1224.0,       0.0);
     ( 443646.5, 3747852.6,     233.9,    1224.0,       0.0);
( 443619.2, 3747824.5,     234.0,    1224.0,       0.0);
     ( 443604.2, 3747806.0,     232.8,    1224.0,       0.0);
( 443618.3, 3747776.9,     234.6,    1224.0,       0.0);
     ( 443639.4, 3747752.3,     237.4,    1224.0,       0.0);
( 443670.2, 3747725.0,     240.7,    1224.0,       0.0);
     ( 443702.8, 3747688.0,     243.6,    1224.0,       0.0);
( 443684.3, 3747671.3,     244.2,    1224.0,       0.0);
     ( 443719.5, 3747704.8,     242.7,    1224.0,       0.0);
( 443730.1, 3747724.1,     240.9,    1224.0,       0.0);
     ( 443753.0, 3747740.0,     239.2,    1224.0,       0.0);
( 443766.2, 3747760.2,     236.8,    1224.0,       0.0);
     ( 443789.0, 3747782.2,     235.7,    1224.0,       0.0);
( 443802.2, 3747798.1,     234.7,    1224.0,       0.0);
     ( 443819.8, 3747817.4,     232.7,    1224.0,       0.0);
( 443838.3, 3747832.4,     231.7,    1224.0,       0.0);
     ( 443855.1, 3747848.2,     231.2,    1224.0,       0.0);
( 443868.3, 3747867.6,     231.0,    1224.0,       0.0);
     ( 443885.9, 3747890.5,     231.2,    1224.0,       0.0);
( 443905.2, 3747909.9,     230.5,    1224.0,       0.0);
     ( 443919.3, 3747930.1,     227.4,    1224.0,       0.0);
( 443942.2, 3747945.9,     219.8,    1224.0,       0.0);
     ( 443955.4, 3747961.8,     220.1,    1224.0,       0.0);
( 443984.4, 3747930.1,     223.0,    1224.0,       0.0);
     ( 443991.5, 3747911.6,     224.8,    1224.0,       0.0);
( 443994.1, 3747889.6,     225.4,    1224.0,       0.0);
     ( 444004.7, 3747868.5,     229.8,    1224.0,       0.0);
( 444006.5, 3747849.1,     231.1,    1224.0,       0.0);
     ( 444014.4, 3747831.5,     232.3,    1224.0,       0.0);
( 444017.0, 3747807.8,     232.4,    1224.0,       0.0);
     ( 444024.9, 3747790.1,     232.5,    1224.0,       0.0);
( 444036.4, 3747768.1,     232.9,    1224.0,       0.0);
     ( 444047.8, 3747747.9,     233.5,    1224.0,       0.0);
( 444058.4, 3747728.5,     234.6,    1224.0,       0.0);
     ( 444071.6, 3747710.0,     235.9,    1224.0,       0.0);
( 444086.5, 3747696.0,     237.2,    1224.0,       0.0);
     ( 444102.4, 3747681.9,     238.6,    1224.0,       0.0);
( 444114.7, 3747666.9,     239.3,    1224.0,       0.0);
     ( 444132.3, 3747655.5,     240.0,    1224.0,       0.0);
( 444113.0, 3747621.2,     241.8,    1224.0,       0.0);
     ( 443727.5, 3747635.2,     244.9,    1224.0,       0.0);
( 443741.6, 3747647.6,     244.0,    1224.0,       0.0);
     ( 443754.8, 3747668.7,     243.6,    1224.0,       0.0);
( 443769.8, 3747684.5,     243.6,    1224.0,       0.0);
     ( 443780.3, 3747695.1,     240.4,    1224.0,       0.0);
( 443797.1, 3747714.5,     237.4,    1224.0,       0.0);
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     ( 443809.4, 3747727.7,     235.4,    1224.0,       0.0);
( 443823.5, 3747745.3,     232.9,    1224.0,       0.0);
     ( 443846.3, 3747775.2,     232.0,    1224.0,       0.0);
( 443860.4, 3747786.6,     232.0,    1224.0,       0.0);
     ( 443868.4, 3747769.9,     232.3,    1224.0,       0.0);
( 443879.8, 3747749.7,     233.1,    1224.0,       0.0);

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
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PAGE 315
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

     ( 443887.7, 3747723.3,     234.7,    1224.0,       0.0);
( 443892.1, 3747702.1,     236.9,    1224.0,       0.0);
     ( 443895.6, 3747682.8,     240.6,    1224.0,       0.0);
( 443893.0, 3747660.8,     242.4,    1224.0,       0.0);
     ( 443893.9, 3747640.5,     243.0,    1224.0,       0.0);
( 443897.4, 3747621.1,     243.6,    1224.0,       0.0);
     ( 443900.0, 3747604.4,     244.0,    1224.0,       0.0);
( 443899.2, 3747585.9,     244.7,    1224.0,       0.0);
     ( 443901.8, 3747563.9,     245.0,    1224.0,       0.0);
( 443901.8, 3747546.3,     245.2,    1224.0,       0.0);
     ( 443904.5, 3747527.0,     245.0,    1224.0,       0.0);
( 443903.6, 3747507.6,     245.4,    1224.0,       0.0);
     ( 443901.8, 3747487.4,     246.2,    1224.0,       0.0);
( 443905.3, 3747466.2,     246.9,    1224.0,       0.0);
     ( 443904.5, 3747446.0,     251.0,    1224.0,       0.0);
( 443903.6, 3747429.3,     253.5,    1224.0,       0.0);
     ( 443904.5, 3747407.3,     254.9,    1224.0,       0.0);
( 443903.6, 3747388.8,     256.4,    1224.0,       0.0);
     ( 443900.9, 3747365.0,     258.4,    1224.0,       0.0);
( 443894.8, 3747341.2,     260.5,    1224.0,       0.0);
     ( 443891.2, 3747321.0,     262.5,    1224.0,       0.0);
( 443886.8, 3747302.5,     264.4,    1224.0,       0.0);
     ( 443883.3, 3747278.7,     266.7,    1224.0,       0.0);
( 443882.4, 3747257.6,     268.6,    1224.0,       0.0);
     ( 443875.4, 3747240.9,     269.3,    1224.0,       0.0);
( 443862.2, 3747223.3,     270.2,    1224.0,       0.0);
     ( 443849.0, 3747203.9,     271.8,    1224.0,       0.0);
( 443875.4, 3747192.5,     271.6,    1224.0,       0.0);
     ( 443893.9, 3747174.0,     271.5,    1224.0,       0.0);
( 443900.9, 3747150.2,     271.2,    1224.0,       0.0);
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     ( 443879.8, 3747124.7,     273.9,    1224.0,       0.0);
( 443859.6, 3747118.5,     277.3,    1224.0,       0.0);
     ( 443821.7, 3747120.3,     278.2,    1224.0,       0.0);
( 444137.7, 3747581.5,     243.3,    1224.0,       0.0);
     ( 444132.4, 3747563.1,     244.5,    1224.0,       0.0);
( 444122.7, 3747541.9,     244.8,    1224.0,       0.0);
     ( 444115.7, 3747514.6,     244.8,    1224.0,       0.0);
( 444104.3, 3747490.9,     244.5,    1224.0,       0.0);
     ( 444093.7, 3747447.8,     245.9,    1224.0,       0.0);
( 444089.3, 3747432.8,     246.7,    1224.0,       0.0);
     ( 444084.0, 3747410.8,     248.5,    1224.0,       0.0);
( 444079.6, 3747394.0,     250.7,    1224.0,       0.0);
     ( 444066.4, 3747371.2,     254.3,    1224.0,       0.0);
( 444065.5, 3747356.2,     255.7,    1224.0,       0.0);
     ( 444057.6, 3747328.9,     256.8,    1224.0,       0.0);
( 444048.8, 3747309.5,     256.8,    1224.0,       0.0);
     ( 444041.8, 3747289.3,     257.0,    1224.0,       0.0);
( 444039.1, 3747269.9,     257.5,    1224.0,       0.0);
     ( 444032.1, 3747252.3,     258.0,    1224.0,       0.0);
( 444026.8, 3747232.1,     259.5,    1224.0,       0.0);
     ( 444024.2, 3747211.8,     261.9,    1224.0,       0.0);
( 444012.7, 3747194.2,     264.2,    1224.0,       0.0);
     ( 444009.2, 3747178.4,     266.4,    1224.0,       0.0);
( 444000.4, 3747159.0,     268.3,    1224.0,       0.0);
     ( 443990.7, 3747139.7,     268.7,    1224.0,       0.0);
( 443987.2, 3747122.1,     269.5,    1224.0,       0.0);
     ( 443545.0, 3747753.9,     234.6,    1224.0,       0.0);
( 443566.9, 3747739.3,     236.0,    1224.0,       0.0);
     ( 443582.8, 3747705.2,     237.8,    1224.0,       0.0);
( 443608.3, 3747662.6,     241.9,    1224.0,       0.0);
     ( 443585.2, 3747683.3,     239.3,    1224.0,       0.0);
( 443664.4, 3747610.2,     245.8,    1224.0,       0.0);
     ( 444061.7, 3748396.7,     217.2,    1224.0,       0.0);
( 443702.2, 3748778.1,     203.7,    1224.0,       0.0);
     ( 443720.9, 3748761.7,     203.9,    1224.0,       0.0);
( 443735.1, 3748749.0,     204.4,    1224.0,       0.0);
     ( 443761.3, 3748751.2,     206.4,    1224.0,       0.0);
( 443781.5, 3748750.5,     207.4,    1224.0,       0.0);
     ( 443799.4, 3748733.2,     208.0,    1224.0,       0.0);
( 443816.6, 3748742.2,     208.6,    1224.0,       0.0);
     ( 443859.3, 3748707.1,     209.4,    1224.0,       0.0);
( 443854.8, 3748660.7,     207.9,    1224.0,       0.0);
     ( 443872.0, 3748652.4,     208.4,    1224.0,       0.0);
( 443881.7, 3748635.2,     208.8,    1224.0,       0.0);
     ( 443889.2, 3748615.0,     209.0,    1224.0,       0.0);
( 443912.4, 3748586.6,     210.4,    1224.0,       0.0);
     ( 443949.7, 3748543.0,     212.8,    1224.0,       0.0);
( 443956.0, 3748523.5,     212.1,    1224.0,       0.0);
     ( 443964.6, 3748509.4,     212.0,    1224.0,       0.0);
( 443975.5, 3748496.6,     212.2,    1224.0,       0.0);
     ( 444002.5, 3748489.9,     213.6,    1224.0,       0.0);
( 443993.0, 3748508.2,     213.7,    1224.0,       0.0);
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     ( 443984.3, 3748521.9,     214.0,    1224.0,       0.0);
( 443976.5, 3748538.5,     213.9,    1224.0,       0.0);
     ( 443964.5, 3748550.9,     213.5,    1224.0,       0.0);
( 443950.3, 3748565.1,     213.0,    1224.0,       0.0);
     ( 443942.5, 3748583.1,     212.5,    1224.0,       0.0);
( 444015.1, 3748474.6,     214.4,    1224.0,       0.0);
     ( 444023.8, 3748461.3,     214.9,    1224.0,       0.0);
( 444033.0, 3748446.1,     215.5,    1224.0,       0.0);

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

PAGE 316
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

     ( 444049.5, 3748429.6,     216.2,    1224.0,       0.0);
( 444052.3, 3748411.2,     215.6,    1224.0,       0.0);
     ( 443186.9, 3748634.7,     195.0,    1224.0,       0.0);
( 443201.9, 3748608.4,     195.9,    1224.0,       0.0);
     ( 443224.5, 3748583.9,     199.5,    1224.0,       0.0);
( 443237.7, 3748551.9,     198.2,    1224.0,       0.0);
     ( 443250.9, 3748525.6,     198.0,    1224.0,       0.0);
( 443267.8, 3748491.7,     202.6,    1224.0,       0.0);
     ( 443290.4, 3748454.0,     204.0,    1224.0,       0.0);
( 443299.8, 3748416.4,     206.4,    1224.0,       0.0);
     ( 443299.8, 3748384.4,     207.5,    1224.0,       0.0);
( 443301.7, 3748352.4,     207.5,    1224.0,       0.0);
     ( 443305.4, 3748320.4,     208.0,    1224.0,       0.0);
( 443117.3, 3748611.4,     191.0,    1224.0,       0.0);
     ( 443090.7, 3748626.4,     190.3,    1224.0,       0.0);
( 443162.3, 3748585.9,     194.3,    1224.0,       0.0);
     ( 443179.7, 3748558.2,     197.3,    1224.0,       0.0);
( 443190.1, 3748530.5,     200.6,    1224.0,       0.0);
     ( 443205.1, 3748494.6,     202.4,    1224.0,       0.0);
( 443229.4, 3748456.5,     207.0,    1224.0,       0.0);
     ( 443231.7, 3748413.7,     208.0,    1224.0,       0.0);
( 443252.5, 3748389.5,     208.2,    1224.0,       0.0);
     ( 443186.6, 3748471.5,     202.4,    1224.0,       0.0);
( 443141.5, 3748525.8,     199.0,    1224.0,       0.0);
     ( 443138.1, 3748498.1,     201.1,    1224.0,       0.0);
( 443150.8, 3748472.7,     202.4,    1224.0,       0.0);
     ( 443169.3, 3748447.3,     204.6,    1224.0,       0.0);
( 443183.1, 3748419.5,     206.2,    1224.0,       0.0);
```

```
     ( 443202.8, 3748396.4,     207.1,    1224.0,       0.0);
( 443224.8, 3748373.3,     208.0,    1224.0,       0.0);
     ( 443238.6, 3748345.6,     208.8,    1224.0,       0.0);
( 443112.7, 3748590.6,     192.7,    1224.0,       0.0);
     ( 443080.3, 3748597.5,     192.8,    1224.0,       0.0);
( 443072.2, 3748572.1,     195.0,    1224.0,       0.0);
     ( 443103.4, 3748554.7,     194.2,    1224.0,       0.0);
( 443093.0, 3748532.8,     195.6,    1224.0,       0.0);
     ( 444066.1, 3748315.5,     216.8,    1224.0,       0.0);
( 444098.5, 3748350.2,     220.4,    1224.0,       0.0);
     ( 444078.8, 3748294.7,     217.6,    1224.0,       0.0);
( 444089.2, 3748273.9,     217.9,    1224.0,       0.0);
     ( 444096.2, 3748253.1,     218.0,    1224.0,       0.0);
( 444111.2, 3748321.3,     220.6,    1224.0,       0.0);
     ( 444132.0, 3748302.8,     221.2,    1224.0,       0.0);
( 444135.5, 3748284.3,     221.4,    1224.0,       0.0);
     ( 443313.5, 3748260.8,     209.8,    1224.0,       0.0);
( 443230.7, 3748275.9,     211.0,    1224.0,       0.0);
     ( 443260.8, 3748238.2,     212.0,    1224.0,       0.0);
( 443274.0, 3748215.6,     212.5,    1224.0,       0.0);
     ( 443304.1, 3748178.0,     214.7,    1224.0,       0.0);
( 443198.7, 3748330.4,     210.0,    1224.0,       0.0);
     ( 443155.4, 3748373.7,     207.8,    1224.0,       0.0);
( 443119.7, 3748411.4,     206.3,    1224.0,       0.0);
     ( 443100.9, 3748441.5,     203.4,    1224.0,       0.0);
( 443093.3, 3748477.2,     198.9,    1224.0,       0.0);
     ( 443080.2, 3748501.7,     197.0,    1224.0,       0.0);
( 443718.1, 3747857.8,     232.0,    1224.0,       0.0);
     ( 443737.8, 3747882.4,     232.0,    1224.0,       0.0);
( 443765.3, 3747898.1,     233.2,    1224.0,       0.0);
     ( 443754.5, 3747918.7,     232.9,    1224.0,       0.0);
( 443696.5, 3747826.4,     232.4,    1224.0,       0.0);
     ( 443672.9, 3747804.8,     233.9,    1224.0,       0.0);
( 443727.0, 3747844.1,     232.2,    1224.0,       0.0);
     ( 443710.3, 3747771.4,     236.7,    1224.0,       0.0);
( 443737.8, 3747790.0,     236.4,    1224.0,       0.0);
     ( 443746.6, 3747808.7,     234.9,    1224.0,       0.0);
( 443762.3, 3747821.5,     234.1,    1224.0,       0.0);
     ( 443787.9, 3747845.0,     233.6,    1224.0,       0.0);
( 443800.6, 3747866.7,     233.0,    1224.0,       0.0);
     ( 443806.5, 3747929.5,     233.3,    1224.0,       0.0);
( 443520.6, 3747701.6,     235.0,    1224.0,       0.0);
     ( 443551.6, 3747661.7,     238.1,    1224.0,       0.0);
( 443591.5, 3747635.2,     242.8,    1224.0,       0.0);
     ( 443836.5, 3747717.7,     232.1,    1224.0,       0.0);
( 443840.7, 3747688.6,     233.3,    1224.0,       0.0);
     ( 443841.4, 3747663.8,     236.4,    1224.0,       0.0);
( 443804.5, 3747670.1,     233.2,    1224.0,       0.0);
     ( 443787.5, 3747657.4,     239.1,    1224.0,       0.0);
( 443777.5, 3747633.9,     243.0,    1224.0,       0.0);
     ( 443744.9, 3747619.0,     244.7,    1224.0,       0.0);
( 443761.9, 3747606.3,     244.4,    1224.0,       0.0);
```

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     ( 443844.3, 3747623.3,     243.1,    1224.0,       0.0);
( 443847.1, 3747599.9,     244.5,    1224.0,       0.0);
     ( 443852.8, 3747578.6,     245.5,    1224.0,       0.0);
( 443850.0, 3747558.0,     246.9,    1224.0,       0.0);
     ( 443850.0, 3747537.4,     247.2,    1224.0,       0.0);
( 443854.9, 3747518.2,     247.9,    1224.0,       0.0);
     ( 443847.1, 3747495.5,     250.0,    1224.0,       0.0);
( 443853.5, 3747478.5,     250.8,    1224.0,       0.0);
     ( 443850.7, 3747457.2,     252.3,    1224.0,       0.0);
( 443854.2, 3747438.8,     253.8,    1224.0,       0.0);

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

PAGE 317
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

     ( 443850.0, 3747397.6,     257.1,    1224.0,       0.0);
( 443854.2, 3747418.2,     255.7,    1224.0,       0.0);
     ( 443853.5, 3747378.4,     257.9,    1224.0,       0.0);
( 443843.6, 3747336.5,     261.3,    1224.0,       0.0);
     ( 443836.5, 3747315.2,     263.1,    1224.0,       0.0);
( 443829.4, 3747296.1,     265.0,    1224.0,       0.0);
     ( 443828.0, 3747274.1,     266.8,    1224.0,       0.0);
( 443816.6, 3747254.2,     268.2,    1224.0,       0.0);
     ( 443806.0, 3747236.4,     269.5,    1224.0,       0.0);
( 443803.1, 3747219.4,     270.8,    1224.0,       0.0);
     ( 443838.6, 3747186.1,     273.3,    1224.0,       0.0);
( 443838.6, 3747171.1,     274.1,    1224.0,       0.0);
     ( 443970.7, 3747985.0,     222.1,    1224.0,       0.0);
( 443980.6, 3747995.6,     223.1,    1224.0,       0.0);
     ( 443994.8, 3748014.1,     223.4,    1224.0,       0.0);
( 444006.2, 3748026.8,     223.8,    1224.0,       0.0);
     ( 444016.8, 3748040.3,     223.7,    1224.0,       0.0);
( 444040.3, 3748051.7,     223.0,    1224.0,       0.0);
     ( 444048.8, 3748065.9,     223.0,    1224.0,       0.0);
( 444060.1, 3748085.8,     222.4,    1224.0,       0.0);
     ( 444079.3, 3748100.7,     221.2,    1224.0,       0.0);
( 444088.5, 3748117.0,     220.0,    1224.0,       0.0);
     ( 444101.3, 3748132.6,     219.0,    1224.0,       0.0);
( 444114.8, 3748147.5,     219.0,    1224.0,       0.0);
     ( 444129.7, 3748161.7,     219.0,    1224.0,       0.0);
( 444141.8, 3748177.3,     219.7,    1224.0,       0.0);
```

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     ( 444158.1, 3748180.9,     220.7,    1224.0,       0.0);
( 444169.5, 3748204.3,     223.1,    1224.0,       0.0);
     ( 444190.0, 3748217.1,     226.0,    1224.0,       0.0);
( 444192.8, 3748193.1,     226.1,    1224.0,       0.0);
     ( 444195.3, 3748122.7,     224.3,    1224.0,       0.0);
( 444008.7, 3747956.5,     226.2,    1224.0,       0.0);
     ( 444019.3, 3747970.0,     226.4,    1224.0,       0.0);
( 444042.8, 3747981.3,     227.6,    1224.0,       0.0);
     ( 444051.3, 3747995.5,     226.2,    1224.0,       0.0);
( 444062.6, 3748015.4,     224.4,    1224.0,       0.0);
     ( 444081.8, 3748030.3,     223.0,    1224.0,       0.0);
( 444091.0, 3748046.6,     221.8,    1224.0,       0.0);
     ( 444103.8, 3748062.3,     220.1,    1224.0,       0.0);
( 444117.3, 3748077.2,     219.4,    1224.0,       0.0);
     ( 444132.2, 3748091.4,     219.1,    1224.0,       0.0);
( 444144.3, 3748107.0,     219.3,    1224.0,       0.0);
     ( 444160.6, 3748110.5,     219.7,    1224.0,       0.0);
( 444171.9, 3748133.9,     221.3,    1224.0,       0.0);
     ( 444192.5, 3748146.7,     224.9,    1224.0,       0.0);
( 444143.4, 3748498.9,     220.5,    1224.0,       0.0);
     ( 444154.0, 3748512.4,     220.8,    1224.0,       0.0);
( 444177.5, 3748523.8,     220.8,    1224.0,       0.0);
     ( 444186.0, 3748537.9,     220.3,    1224.0,       0.0);
( 444197.3, 3748557.8,     220.2,    1224.0,       0.0);
     ( 444216.5, 3748572.7,     220.1,    1224.0,       0.0);
( 444225.7, 3748589.0,     219.6,    1224.0,       0.0);
     ( 444238.5, 3748604.7,     219.1,    1224.0,       0.0);
( 444252.0, 3748619.6,     218.6,    1224.0,       0.0);
     ( 444266.9, 3748633.8,     218.1,    1224.0,       0.0);
( 444279.0, 3748649.4,     217.6,    1224.0,       0.0);
     ( 444295.3, 3748652.9,     217.4,    1224.0,       0.0);
( 444306.6, 3748676.4,     216.7,    1224.0,       0.0);
     ( 444237.6, 3748593.4,     219.4,    1224.0,       0.0);
( 444061.7, 3748440.7,     217.5,    1224.0,       0.0);
     ( 444085.1, 3748452.1,     219.0,    1224.0,       0.0);
( 444093.6, 3748466.3,     218.8,    1224.0,       0.0);
     ( 444105.0, 3748486.1,     219.2,    1224.0,       0.0);
( 444124.1, 3748501.1,     219.3,    1224.0,       0.0);
     ( 444133.3, 3748517.4,     219.3,    1224.0,       0.0);
( 444146.1, 3748533.0,     219.8,    1224.0,       0.0);
     ( 444159.6, 3748547.9,     219.9,    1224.0,       0.0);
( 444174.5, 3748562.1,     219.7,    1224.0,       0.0);
     ( 444186.6, 3748577.7,     219.8,    1224.0,       0.0);
( 444202.9, 3748581.3,     219.7,    1224.0,       0.0);
     ( 444214.3, 3748604.7,     218.9,    1224.0,       0.0);
( 444234.9, 3748617.5,     218.6,    1224.0,       0.0);

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54
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*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***

(1=YES; 0=NO)

```
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1
1 1 1   1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1
1 1 1   1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1
1 1 1   1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1
1 1 1   1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1
1 1 1   1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1
1 1 1   1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1
1 1 1   1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54,   3.09,   5.14,   8.23, 10.80,

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

```
   Surface file:   ..\ChinoAirportADJU\KCNO_V9_ADJU\KCNO_v9.SFC
Met Version:  16216
   Profile file:   ..\ChinoAirportADJU\KCNO_V9_ADJU\KCNO_v9.PFL
```

```
   Surface format: FREE
   Profile format: FREE
   Surface station no.:     3179                  Upper air station
no.:     3190
                  Name: UNKNOWN
Name: UNKNOWN
                  Year:   2012
Year:   2012

 First 24 hours of scalar data
 YR MO DY JDY HR     H0     U*     W*  DT/DZ ZICNV ZIMCH  M-O LEN
Z0  BOWEN ALBEDO  REF WS   WD     HT  REF TA     HT
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 12 01 01   1 01   -2.3  0.067 -9.000 -9.000 -999.   41.     11.2
0.09   0.74   1.00    0.73  313.    7.9  279.2    2.0
 12 01 01   1 02   -2.7  0.070 -9.000 -9.000 -999.   44.     11.3
0.09   0.74   1.00    0.80  342.    7.9  280.9    2.0
 12 01 01   1 03   -5.6  0.098 -9.000 -9.000 -999.   73.     14.7
0.09   0.74   1.00    1.20    9.    7.9  281.4    2.0
 12 01 01   1 04   -3.5  0.078 -9.000 -9.000 -999.   52.     11.9
0.09   0.74   1.00    0.94   21.    7.9  282.0    2.0
 12 01 01   1 05   -8.4  0.119 -9.000 -9.000 -999.   99.     18.1
0.09   0.74   1.00    1.45  353.    7.9  279.9    2.0
 12 01 01   1 06   -7.6  0.113 -9.000 -9.000 -999.   91.     17.0
0.09   0.74   1.00    1.38  325.    7.9  277.5    2.0
 12 01 01   1 07   -8.0  0.117 -9.000 -9.000 -999.   96.     17.7
0.09   0.74   1.00    1.42  313.    7.9  281.4    2.0
 12 01 01   1 08   -5.2  0.101 -9.000 -9.000 -999.   77.     17.5
0.09   0.74   0.53    1.23   19.    7.9  280.9    2.0
 12 01 01   1 09   23.2  0.117  0.267  0.012   29.   97.     -6.2
0.09   0.74   0.31    0.96  318.    7.9  287.5    2.0
 12 01 01   1 10   65.2  0.101  0.531  0.014   82.   77.     -1.4
0.09   0.74   0.24    0.63  244.    7.9  291.4    2.0
 12 01 01   1 11   95.5  0.162  0.778  0.008  176.  156.     -4.0
0.09   0.74   0.21    1.23   91.    7.9  296.4    2.0
 12 01 01   1 12  110.8  0.197  1.018  0.005  338.  209.     -6.1
0.09   0.74   0.20    1.60   90.    7.9  299.9    2.0
 12 01 01   1 13  110.5  0.229  1.184  0.005  534.  262.     -9.6
0.09   0.74   0.20    1.98   92.    7.9  302.0    2.0
 12 01 01   1 14   94.6  0.185  1.215  0.005  674.  191.     -5.9
0.09   0.74   0.21    1.50   73.    7.9  303.1    2.0
 12 01 01   1 15   68.6  0.187  1.184  0.005  858.  194.     -8.4
0.09   0.74   0.25    1.59   64.    7.9  303.1    2.0
 12 01 01   1 16   24.9  0.255  0.862  0.005  911.  308.    -58.8
0.09   0.74   0.34    2.61   92.    7.9  300.4    2.0
 12 01 01   1 17  -13.7  0.168 -9.000 -9.000 -999.  168.     31.1
0.09   0.74   0.62    1.98  107.    7.9  295.4    2.0
 12 01 01   1 18  -26.7  0.279 -9.000 -9.000 -999.  354.     85.6
0.09   0.74   1.00    3.22  134.    7.9  291.4    2.0
 12 01 01   1 19   -8.0  0.118 -9.000 -9.000 -999.  120.     18.2
0.09   0.74   1.00    1.43   37.    7.9  290.4    2.0
```

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 12 01 01   1 20   -7.7  0.115 -9.000 -9.000 -999.   94.     17.6
0.09   0.74   1.00    1.40   49.    7.9  287.0    2.0
 12 01 01   1 21   -9.7  0.130 -9.000 -9.000 -999.  113.     20.2
0.09   0.74   1.00    1.57   26.    7.9  288.8    2.0
 12 01 01   1 22   -4.8  0.090 -9.000 -9.000 -999.   65.     13.6
0.09   0.74   1.00    1.11   56.    7.9  284.9    2.0
 12 01 01   1 23  -11.5  0.141 -9.000 -9.000 -999.  127.     21.9
0.09   0.74   1.00    1.69   36.    7.9  282.0    2.0
 12 01 01   1 24  -16.9  0.172 -9.000 -9.000 -999.  171.     32.4
0.09   0.74   1.00    2.03   33.    7.9  279.9    2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    7.9 1  313.    0.73   279.3   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)

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Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

PAGE 320
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: AREA1    ***
                                 INCLUDING SOURCE(S):
PAREA1      ,

                                  *** NETWORK ID: UCART1   ;  NETWORK
TYPE: GRIDCART ***

                                       ** CONC OF DPM      IN
MICROGRAMS/M**3                         **

    Y-COORD  |                                                 X-COORD
(METERS)
    (METERS) |     443543.62    443581.38    443619.14    443656.90
443694.66    443732.42
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  3748168.50 |    3819.07192   3647.75085   3479.88215   3351.86714
3240.24844   3069.88166
  3748138.04 |    3667.91307   3509.30105   3362.02744   3243.78664
3153.43816   3002.50082
  3748107.58 |    3502.01604   3383.71567   3254.89463   3145.89465
3073.16310   2931.97670
  3748077.12 |    3328.86225   3229.89668   3150.09184   3055.97759
2993.17018   2865.03975
```

```
  3748046.66 |    3176.71233   3083.83924   3009.35861   2952.89132
2907.90978   2794.17962
  3748016.20 |    3051.87238   2959.83062   2891.77480   2835.89562
2791.06475   2691.90488

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

PAGE 321
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: AREA1    ***
                                INCLUDING SOURCE(S):
PAREA1      ,

                                    *** NETWORK ID: UCART2   ;  NETWORK
TYPE: GRIDCART ***

                                         ** CONC OF DPM      IN
MICROGRAMS/M**3                           **

    Y-COORD  |                                                X-COORD
(METERS)
    (METERS) |     444172.99    444272.99    444372.99    444472.99
444572.99    444672.99    444772.99    444872.99    444972.99
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  3748485.77 |    3011.36177   2777.79534   2565.33277   2354.21858
2163.07013   1994.95425   1848.78807   1726.99516   1614.62206
  3748385.77 |    2513.65421   2393.19304   2279.45946   2157.52835
2020.67441   1889.98962   1767.44528   1652.01782   1543.25989
  3748285.77 |    2118.10099   2006.28404   1941.04574   1884.80947
1825.83664   1752.09498   1672.18375   1581.08291   1490.79243
  3748185.77 |    1915.60043   1768.32990   1669.43500   1614.23002
1583.05453   1555.00865   1519.30681   1481.16778   1423.31008
  3748085.77 |    1802.43137   1646.29538   1530.83210   1447.09130
1392.18349   1362.18821   1347.00485   1333.37944   1310.29585
  3747985.77 |    1707.58877   1566.92049   1454.74290   1361.83119
1286.39035   1232.64051   1199.60838   1183.02110   1171.71010
  3747885.77 |    1585.61859   1475.66222   1393.05724   1309.67667
1228.89015   1165.13015   1114.56631   1077.26480   1054.68060
  3747785.77 |    1531.11630   1407.89752   1323.51087   1241.98267
1180.55818   1123.26179   1070.38866   1021.21501    982.49131
  3747685.77 |    1488.67221   1365.39316   1266.13703   1184.79016
1125.80177   1080.78322   1035.90524    990.43401    946.04211
  3747585.77 |    1437.91410   1329.13815   1236.35047   1150.32106
1080.41888   1035.85231    999.80703    962.18931    922.75705
```

```
  3747485.77 |    1383.04576   1296.64265   1213.99106   1129.53704
1053.01445    996.88982    959.40964    927.77931    897.37981
  3747385.77 |    1321.27395   1257.59507   1186.27783   1110.86812
1041.86193    972.97719    927.03805    893.42080    866.80667
  3747285.77 |    1256.61450   1209.97629   1152.73732   1087.83647
1020.13701    956.80960    904.85517    865.96653    836.24214
  3747185.77 |    1190.23635   1159.73549   1116.09126   1061.60455
1002.80892    944.38678    890.59268    846.68151    812.54470
  3747085.77 |    1124.24800   1105.42622   1072.51835   1030.77324
982.00426    931.27427    880.41295    834.79312    795.88496

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
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PAGE 322
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: AREA1    ***
                                INCLUDING SOURCE(S):
PAREA1      ,

                                    *** NETWORK ID: UCART2   ;  NETWORK
TYPE: GRIDCART ***

                                         ** CONC OF DPM      IN
MICROGRAMS/M**3                           **

    Y-COORD  |                                                X-COORD
(METERS)
    (METERS) |     445072.99    445172.99    445272.99    445372.99
445472.99    445572.99
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  3748485.77 |    1512.44076   1428.67211   1350.40526   1284.84960
1222.37684   1166.28212
  3748385.77 |    1456.44304   1375.37141   1306.52022   1244.45964
1189.29166   1135.06167
  3748285.77 |    1408.76667   1332.08673   1266.06574   1206.18127
1152.62809   1104.04759
  3748185.77 |    1360.61272   1296.42072   1234.98451   1177.14078
1124.00208   1075.82839
  3748085.77 |    1279.44896   1241.37649   1197.73914   1151.70573
1103.09941   1056.09123
  3747985.77 |    1162.93100   1148.37787   1131.41175   1104.56957
1070.29067   1034.06837
  3747885.77 |    1042.49410   1039.70039   1035.67702   1027.10398
1010.95580    991.63174
```

```
  3747785.77 |     956.65728    944.81446    938.38070    933.68575
930.46728    924.77233
  3747685.77 |     909.32308    882.20428    864.36325    854.41637
849.98357    848.34114
  3747585.77 |     884.66006    848.64442    820.51048    800.70816
787.69508    782.73177
  3747485.77 |     864.43361    830.78398    798.88768    771.11051
749.32068    733.92534
  3747385.77 |     840.60711    813.36166    784.64879    756.75623
729.75328    705.78531
  3747285.77 |     813.23574    791.53021    768.29922    743.38203
717.66104    692.04091
  3747185.77 |     786.57406    765.84194    747.73501    726.97167
704.44936    680.92543
  3747085.77 |     765.40720    742.27198    724.64085    707.55349
688.78594    669.26073

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

PAGE 323
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: AREA1    ***
                                INCLUDING SOURCE(S):
PAREA1      ,

                                              *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                           ** CONC OF DPM      IN
MICROGRAMS/M**3                             **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443047.86    3748855.70   190174.52260
443030.11    3748868.74   184254.95865
         443016.91    3748884.58   203035.72330
442999.31    3748898.66   195011.59037
         442983.47    3748918.02   205571.73974
442962.35    3748934.74   188450.71906
         442947.39    3748948.82   179669.26341
442935.07    3748963.78   179765.38860
         442916.59    3748985.78   182759.83726
442898.98    3749001.62   166165.24622
         442881.38    3749017.46   144890.25073
442868.18    3749033.31   132084.81518
```

```
         442854.10    3749046.51   110472.47293
442832.98    3749062.35    77249.39488
         442816.26    3749081.71    56564.34255
442801.30    3749094.91    43166.53360
         442780.18    3749111.63    31154.69234
442764.34    3749127.47    24818.34726
         442750.26    3749130.11    21926.72307
442722.10    3749138.03    17272.95836
         442705.38    3749146.83    15095.31030
442678.10    3749144.19    13097.13639
         442659.62    3749147.71    11800.63821
442638.49    3749145.07    10743.74191
         442662.26    3749101.07    13469.48328
442694.82    3749095.79    16493.71553
         442709.78    3749094.03    18258.22724
442730.02    3749086.99    21466.40400
         442752.02    3749068.51    26662.88170
442796.90    3749035.95    41870.50801
         442817.14    3749007.78    48236.27142
442845.30    3748987.54    61335.74489
         442865.54    3748973.46    72081.19418
442840.90    3748956.74    49771.42031
         442888.42    3748944.42    74881.06867
442871.70    3748932.10    57685.63320
         442872.58    3748910.98    51269.36056
442880.50    3748896.90    50456.98823
         442906.02    3748895.14    62153.34608
442925.39    3748905.70    80055.07731
         442928.03    3748871.38    62253.00195
442942.99    3748881.94    77844.11534
         442959.71    3748871.38    82884.23163
442923.63    3748842.34    48303.84266
         442937.71    3748821.22    45115.23672
442971.15    3748822.98    58067.68392
         442986.11    3748841.46    78774.98306
442985.23    3748812.42    58122.54080
         443001.95    3748822.10    72051.19120
443063.55    3748836.18   164007.88526
         443064.43    3748815.06   116190.48649
443051.23    3748791.30    77630.55349
         443003.71    3748799.22    57590.42971
442974.67    3748795.70    46387.85233
         443038.91    3748779.86    62124.25635
443027.47    3748759.61    46744.04897
         443023.95    3748743.77    40112.66387
443008.99    3748724.41    32102.04577
         443008.99    3748702.41    27750.27107
443097.87    3748795.70   118556.11990
         443090.83    3748778.98    86775.38834
443071.47    3748764.01    65400.55511
         443064.43    3748742.01    50878.00381
443051.23    3748723.53    41432.93249
```

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         443042.43    3748707.69    34944.84340
443042.43    3748691.85    31190.10214
         443141.87    3748742.01    59644.28708
443121.63    3748726.17    49337.28759
         443107.55    3748705.05    40040.46869
443088.19    3748676.01    31227.38101
         443145.39    3748708.57    42084.40769
443176.19    3748679.53    32610.90430
         443103.15    3748670.73    30581.40815
443230.76    3748790.42    76104.50217
         443242.20    3748767.54    55402.40822
443255.40    3748742.89    42181.63324
         443265.08    3748712.97    32536.24609
443278.28    3748687.45    26931.11498
         443297.64    3748659.29    21715.35095
443306.44    3748793.94    58151.09047

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
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***        20:07:54

PAGE 324
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: AREA1    ***
                                INCLUDING SOURCE(S):
PAREA1      ,

                                              *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                          ** CONC OF DPM      IN
MICROGRAMS/M**3                            **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443339.88    3748786.02    44824.80852
443371.56    3748768.42    32513.25372
         443392.68    3748756.97    27307.76707
443418.20    3748739.37    22085.85394
         443444.60    3748724.41    18754.58459
443471.89    3748711.21    15814.70795
         443496.53    3748694.49    13556.14988
443525.57    3748681.29    11974.15848
         443548.45    3748668.09    10626.28059
443583.65    3748651.37     9230.76486
         443383.00    3748960.26    79738.17470
443380.36    3748936.50    81013.34127
```

```
         443370.68    3748910.10    82632.11923
443386.52    3748896.02    68592.68386
         443423.48    3748874.90    47703.95958
443448.13    3748859.94    38333.21125
         443465.73    3748849.38    33208.68768
443497.41    3748829.14    25953.65145
         443513.25    3748820.34    23294.27632
443539.65    3748809.78    20221.70648
         443559.89    3748803.62    18460.34369
443581.89    3748796.58    16745.67804
         443602.13    3748793.06    15483.17524
443624.13    3748791.30    14374.30137
         443642.61    3748786.90    13483.08870
443661.09    3748783.38    12673.81102
         443683.97    3748786.02    11957.47404
443535.25    3748597.69     8169.03678
         443511.49    3748617.05     9260.96559
443491.25    3748637.29    10490.08791
         443468.37    3748647.85    11737.55854
443441.08    3748674.25    13974.10310
         443414.68    3748689.21    16463.85760
443389.16    3748705.93    19937.39770
         443307.32    3748632.01    18387.19648
443322.28    3748600.33    15221.19699
         443336.36    3748572.17    13001.03005
443355.72    3748617.05    15328.92654
         443377.72    3748583.61    12845.26552
443387.40    3748555.45    11336.62991
         443399.72    3748531.69    10402.05862
443409.40    3748510.57     9701.68282
         443339.88    3748550.17    11959.63503
443358.36    3748517.61    10194.11815
         443360.12    3748489.44     9515.24654
443372.44    3748464.80     8987.79773
         443394.44    3748441.04     7991.70775
443497.41    3748439.28     6879.07531
         443522.05    3748422.56     6184.79567
443541.41    3748404.08     5684.56698
         443557.25    3748392.64     5333.93753
443580.13    3748376.80     5008.99728
         443602.13    3748365.36     4732.61416
443623.25    3748346.00     4474.37016
         443653.17    3748335.44     4239.96739
443671.65    3748321.36     4047.31665
         443508.85    3748368.88     5620.97152
443479.81    3748380.32     6079.40439
         443526.45    3748355.68     5317.19157
443548.45    3748339.84     5000.44261
         443571.33    3748324.00     4747.27630
443590.69    3748310.80     4523.44464
         443612.69    3748296.72     4261.67362
443636.45    3748282.64     4038.00475
```

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         443654.93    3748265.92     3829.59845
443672.53    3748246.56     3635.41406
         443689.25    3748231.60     3466.88610
443706.85    3748215.75     3313.84818
         443691.02    3748297.60     3789.51020
443707.74    3748282.64     3568.52190
         443725.34    3748266.80     3349.02794
443741.18    3748257.12     3203.59291
         443759.66    3748243.03     3102.11515
443773.74    3748221.03     2964.56419
         443794.86    3748203.43     2843.02677
443813.34    3748185.83     2750.86964
         443824.78    3748163.83     2670.09941
443842.38    3748150.63     2597.62836
         443794.86    3748123.35     2699.06209
443808.06    3748106.63     2637.69806

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

PAGE 325
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: AREA1    ***
                                INCLUDING SOURCE(S):
PAREA1      ,

                                              *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                          ** CONC OF DPM      IN
MICROGRAMS/M**3                            **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443773.74    3748145.35     2817.31707
443762.30    3748169.11     2916.78792
         443749.10    3748183.19     3009.79581
443724.46    3748197.27     3171.49206
         443669.01    3748506.17     5151.03836
443691.02    3748531.69     5234.40432
         443709.50    3748544.89     5284.37298
443731.50    3748574.81     5695.22397
         443760.54    3748588.01     5788.64684
443782.54    3748564.25     5225.31513
         443807.18    3748539.61     4765.71138
443826.54    3748515.85     4408.22626
```

```
         443852.94    3748491.21     4063.95532
443863.50    3748470.09     3842.32235
         443881.98    3748439.28     3543.97595
443881.10    3748410.24     3360.98051
         443899.59    3748423.44     3384.38066
443891.66    3748384.72     3185.15645
         443911.07    3748370.97     3058.60624
443929.51    3748345.54     2905.52653
         443939.05    3748329.01     2814.78219
443954.95    3748309.93     2704.79764
         443975.29    3748291.49     2583.73778
443932.69    3748260.34     2605.64922
         443907.90    3748288.95     2776.53521
443892.00    3748306.75     2879.00635
         443878.65    3748325.19     2981.77168
443864.66    3748341.09     3084.60679
         443848.13    3748357.62     3221.43578
443829.69    3748376.69     3371.83508
         443795.99    3748384.96     3551.66930
443774.37    3748402.76     3729.30445
         443747.03    3748423.75     3995.90211
443723.50    3748442.19     4222.82445
         443705.70    3748458.72     4399.89166
443678.36    3748482.88     4836.29126
         443730.50    3748499.41     4610.89040
443747.03    3748481.61     4357.81092
         443773.10    3748465.71     4140.04991
443753.39    3748477.79     4304.10310
         443778.19    3748500.05     4416.04942
443792.17    3748480.97     4198.50714
         443816.97    3748455.54     3894.16975
443801.08    3748442.82     3867.55635
         443815.70    3748424.38     3688.24939
443834.14    3748437.73     3702.46520
         443855.06    3748084.13     2470.17516
443836.57    3748062.13     2491.09170
         443812.81    3748041.00     2517.27415
443769.68    3747996.11     2511.14810
         443828.65    3748013.72     2427.78084
443816.33    3747989.95     2389.40556
         443813.69    3747954.75     2308.98637
443764.40    3747961.79     2429.25078
         443730.07    3747945.06     2446.06927
443706.31    3747923.06     2435.84197
         443688.70    3747902.81     2405.85190
443664.94    3747880.81     2361.10990
         443646.45    3747852.64     2302.96943
443619.17    3747824.48     2269.96157
         443604.20    3747805.99     2259.79196
443618.29    3747776.95     2174.07301
         443639.41    3747752.30     2088.17765
443670.22    3747725.02     1995.49608
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         443702.78    3747688.05     1898.72761
443684.30    3747671.33     1885.88552
         443719.51    3747704.77     1916.98623
443730.07    3747724.14     1949.97167
         443752.96    3747739.98     1971.74858
443766.16    3747760.22     2013.07252
         443789.04    3747782.23     2042.29412
443802.25    3747798.07     2064.82734
         443819.85    3747817.44     2093.88142
443838.33    3747832.40     2103.15935
         443855.06    3747848.24     2106.25524
443868.26    3747867.61     2109.97661
         443885.86    3747890.49     2100.79328
443905.23    3747909.86     2085.48122
         443919.31    3747930.10     2099.34724
443942.20    3747945.94     2134.67957

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
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***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: AREA1    ***
                                INCLUDING SOURCE(S):
PAREA1      ,

                                              *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                          ** CONC OF DPM      IN
MICROGRAMS/M**3                            **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443955.40    3747961.79     2105.72768
443984.44    3747930.10     1991.78824
         443991.49    3747911.62     1951.83598
443994.13    3747889.61     1931.04296
         444004.69    3747868.49     1863.84093
444006.45    3747849.12     1842.44967
         444014.37    3747831.52     1811.38279
444017.01    3747807.75     1795.17593
         444024.93    3747790.15     1772.19502
444036.38    3747768.15     1740.58031
         444047.82    3747747.90     1709.84086
444058.38    3747728.54     1678.05293
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         444071.58    3747710.05     1643.31377
444086.55    3747695.97     1609.65647
         444102.39    3747681.89     1576.37703
444114.71    3747666.93     1551.34652
         444132.32    3747655.48     1521.72115
444112.95    3747621.16     1522.87905
         443727.52    3747635.24     1800.61685
443741.61    3747647.56     1812.66788
         443754.81    3747668.68     1837.15305
443769.77    3747684.53     1853.19756
         443780.34    3747695.09     1878.76819
443797.06    3747714.46     1916.96721
         443809.38    3747727.66     1943.89711
443823.47    3747745.26     1979.79938
         443846.35    3747775.19     2011.54445
443860.44    3747786.63     2011.89736
         443868.36    3747769.91     1979.31375
443879.80    3747749.66     1935.84514
         443887.72    3747723.26     1883.19572
443892.12    3747702.13     1839.25766
         443895.64    3747682.77     1792.40151
443893.00    3747660.76     1759.34079
         443893.88    3747640.52     1731.82473
443897.41    3747621.15     1704.62458
         443900.05    3747604.43     1681.74838
443899.17    3747585.94     1658.19048
         443901.81    3747563.94     1630.50347
443901.81    3747546.33     1609.88827
         443904.45    3747526.97     1587.91756
443903.57    3747507.60     1565.45792
         443901.81    3747487.36     1541.15152
443905.33    3747466.23     1515.63833
         443904.45    3747445.99     1483.52786
443903.57    3747429.26     1461.62469
         443904.45    3747407.26     1436.96303
443903.57    3747388.77     1416.96324
         443900.93    3747365.01     1392.74039
443894.76    3747341.24     1370.74923
         443891.24    3747320.99     1352.36491
443886.84    3747302.51     1336.91314
         443883.32    3747278.74     1317.73137
443882.44    3747257.62     1300.97354
         443875.40    3747240.89     1291.94470
443862.20    3747223.29     1286.22573
         443848.99    3747203.92     1280.28647
443875.40    3747192.48     1258.70413
         443893.88    3747174.00     1238.17325
443900.93    3747150.23     1220.76117
         443879.80    3747124.70     1215.45267
443859.56    3747118.54     1221.87996
         443821.71    3747120.30     1245.45588
444137.71    3747581.54     1472.50815
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         444132.43    3747563.06     1464.88503
444122.74    3747541.93     1462.62934
         444115.70    3747514.64     1453.92996
444104.26    3747490.88     1449.95706
         444093.70    3747447.75     1424.35365
444089.29    3747432.78     1414.39170
         444084.01    3747410.78     1396.34486
444079.61    3747394.05     1380.71126
         444066.41    3747371.17     1361.42679
444065.53    3747356.20     1347.79809
         444057.61    3747328.92     1327.76914
444048.80    3747309.55     1315.10211
         444041.76    3747289.31     1300.51908
444039.12    3747269.94     1285.06844
         444032.08    3747252.34     1271.87462
444026.80    3747232.09     1255.09089

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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***        20:07:54

PAGE 327
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: AREA1    ***
                                INCLUDING SOURCE(S):
PAREA1      ,

                                              *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                           ** CONC OF DPM      IN
MICROGRAMS/M**3                             **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         444024.16    3747211.85     1237.20301
444012.71    3747194.24     1223.36597
         444009.19    3747178.40     1210.45328
444000.39    3747159.03     1196.66808
         443990.71    3747139.67     1185.26506
443987.19    3747122.06     1174.03638
         443544.98    3747753.94     2212.32086
443566.91    3747739.32     2152.58619
         443582.75    3747705.21     2066.98819
443608.33    3747662.57     1954.47389
         443585.18    3747683.28     2021.56322
443664.38    3747610.18     1814.81232
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         444061.69    3748396.73     2752.73489
443702.16    3748778.14    11209.77430
         443720.87    3748761.68    10266.23159
443735.08    3748748.96     9597.45935
         443761.27    3748751.20     8995.12586
443781.48    3748750.46     8545.86405
         443799.43    3748733.25     7914.37366
443816.64    3748742.22     7758.06852
         443859.29    3748707.06     6666.09828
443854.80    3748660.67     6170.79159
         443872.01    3748652.43     5894.05278
443881.74    3748635.22     5594.10035
         443889.22    3748615.02     5290.49729
443912.42    3748586.59     4795.32771
         443949.73    3748543.05     4136.98610
443955.98    3748523.52     3949.69995
         443964.58    3748509.45     3800.63012
443975.51    3748496.56     3657.38074
         444002.47    3748489.92     3516.72635
443993.02    3748508.17     3683.67775
         443984.29    3748521.95     3816.21144
443976.48    3748538.50     3986.70580
         443964.53    3748550.91     4145.65200
443950.29    3748565.15     4343.37051
         443942.47    3748583.07     4563.07839
444015.08    3748474.62     3360.55247
         444023.81    3748461.29     3239.39287
444033.00    3748446.13     3110.50109
         444049.55    3748429.58     2970.14842
444052.31    3748411.20     2865.65528
         443186.88    3748634.70    22755.47894
443201.94    3748608.36    19365.25665
         443224.52    3748583.89    16133.92282
443237.69    3748551.90    14249.97809
         443250.87    3748525.56    12812.59358
443267.80    3748491.68    10598.21536
         443290.38    3748454.05     9161.45471
443299.79    3748416.41     7967.68320
         443299.79    3748384.42     7257.73093
443301.68    3748352.43     6719.66718
         443305.44    3748320.44     6214.20424
443117.28    3748611.37    20877.59678
         443090.70    3748626.39    22389.40020
443162.35    3748585.94    17843.36038
         443179.69    3748558.20    15055.21851
443190.09    3748530.47    12795.85224
         443205.11    3748494.64    10936.33846
443229.38    3748456.50     9053.89882
         443231.69    3748413.74     7893.77479
443252.50    3748389.47     7373.62867
         443186.62    3748471.53    10067.29496
443141.55    3748525.84    12672.67215
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         443138.08    3748498.11    11037.02506
443150.79    3748472.68     9975.30158
         443169.29    3748447.26     8973.73818
443183.15    3748419.52     8119.47516
         443202.80    3748396.41     7571.07283
443224.76    3748373.29     7081.48476
         443238.63    3748345.56     6558.99269
443112.66    3748590.56    18242.19307
         443080.30    3748597.50    18316.33733
443072.21    3748572.07    15595.53491
         443103.41    3748554.74    14991.61305
443093.01    3748532.78    13292.37206
         444066.11    3748315.51     2414.45121
444098.47    3748350.18     2452.18175
         444078.82    3748294.70     2324.67368
444089.22    3748273.90     2249.94167

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: AREA1    ***
                                INCLUDING SOURCE(S):
PAREA1      ,

                                              *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                           ** CONC OF DPM      IN
MICROGRAMS/M**3                             **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         444096.16    3748253.10     2190.15029
444111.18    3748321.29     2328.10147
         444131.98    3748302.79     2236.68754
444135.45    3748284.30     2177.58967
         443313.52    3748260.81     5383.51435
443230.72    3748275.87     5454.54755
         443260.83    3748238.23     5032.87594
443274.00    3748215.65     4806.28548
         443304.11    3748178.01     4409.01829
443198.73    3748330.44     6169.75537
         443155.44    3748373.72     6929.10362
443119.69    3748411.36     7678.24719
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         443100.87    3748441.47     8644.27318
443093.34    3748477.23    10302.50693
         443080.17    3748501.69    11436.96640
443718.12    3747857.82     2270.21876
         443737.76    3747882.38     2301.68204
443765.27    3747898.10     2288.68577
         443754.46    3747918.73     2344.28779
443696.50    3747826.38     2219.16825
         443672.93    3747804.77     2181.26724
443726.96    3747844.07     2232.18696
         443710.26    3747771.37     2069.33563
443737.76    3747790.04     2087.09447
         443746.61    3747808.70     2126.27836
443762.32    3747821.47     2143.27002
         443787.87    3747845.05     2164.89608
443800.64    3747866.66     2191.43290
         443806.53    3747929.53     2277.66366
443520.64    3747701.59     2136.55139
         443551.64    3747661.73     2025.84923
443591.49    3747635.16     1927.75796
         443836.47    3747717.70     1937.00174
443840.73    3747688.60     1883.75391
         443841.44    3747663.76     1826.01128
443804.53    3747670.15     1876.78437
         443787.49    3747657.37     1826.45866
443777.55    3747633.95     1778.30429
         443744.90    3747619.04     1768.52168
443761.94    3747606.26     1743.19719
         443844.28    3747623.30     1734.77324
443847.12    3747599.87     1697.32544
         443852.79    3747578.58     1664.86589
443849.96    3747558.00     1636.07236
         443849.96    3747537.41     1610.47433
443854.92    3747518.25     1584.46760
         443847.12    3747495.53     1555.68889
443853.50    3747478.50     1533.10778
         443850.67    3747457.20     1508.24095
443854.21    3747438.75     1485.25789
         443849.96    3747397.58     1441.54127
443854.21    3747418.16     1461.56189
         443853.50    3747378.41     1421.47114
443843.57    3747336.54     1385.99461
         443836.47    3747315.24     1370.97813
443829.37    3747296.08     1358.79124
         443827.95    3747274.07     1342.41828
443816.59    3747254.20     1334.87950
         443805.95    3747236.45     1329.25834
443803.11    3747219.42     1319.39963
         443838.60    3747186.06     1274.82235
443838.60    3747171.15     1265.58953
         443970.69    3747984.97     2058.73998
443980.63    3747995.62     2031.66742
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         443994.83    3748014.08     2006.62291
444006.19    3748026.85     1986.47249
         444016.83    3748040.34     1975.75877
444040.26    3748051.70     1945.61009
         444048.78    3748065.89     1944.01746
444060.13    3748085.77     1951.16890
         444079.30    3748100.68     1947.01401
444088.53    3748117.00     1962.11695
         444101.30    3748132.62     1971.15052
444114.79    3748147.53     1971.56825
         444129.70    3748161.72     1969.63081
444141.76    3748177.34     1970.13008
         444158.09    3748180.89     1944.99391
444169.45    3748204.31     1950.44583
         444190.03    3748217.09     1926.42354
444192.83    3748193.06     1882.61856

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

PAGE 329
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: AREA1    ***
                                INCLUDING SOURCE(S):
PAREA1      ,

                                              *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                           ** CONC OF DPM      IN
MICROGRAMS/M**3                             **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         444195.33    3748122.70     1796.26746
444008.68    3747956.49     1921.73825
         444019.33    3747969.98     1904.28733
444042.75    3747981.34     1855.38320
         444051.27    3747995.53     1857.80142
444062.63    3748015.41     1864.81334
         444081.79    3748030.32     1855.26310
444091.02    3748046.64     1864.71595
         444103.80    3748062.26     1873.85315
444117.29    3748077.17     1875.54402
         444132.19    3748091.36     1873.43057
444144.26    3748106.98     1874.07036
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         444160.59    3748110.53     1854.15742
444171.94    3748133.95     1857.59429
         444192.53    3748146.73     1825.77875
444143.39    3748498.91     3155.27830
         444154.04    3748512.39     3192.33272
444177.46    3748523.75     3180.11715
         444185.98    3748537.95     3218.65816
444197.34    3748557.82     3255.43494
         444216.50    3748572.73     3238.56602
444225.73    3748589.05     3261.37270
         444238.51    3748604.67     3265.36757
444251.99    3748619.58     3261.84898
         444266.90    3748633.77     3249.05538
444278.97    3748649.39     3250.53336
         444295.29    3748652.94     3199.77393
444306.65    3748676.37     3226.54864
         444237.65    3748593.44     3232.42650
444061.66    3748440.72     3001.60924
         444085.08    3748452.08     3014.26979
444093.60    3748466.28     3091.73858
         444104.96    3748486.15     3186.51332
444124.12    3748501.06     3228.73028
         444133.35    3748517.39     3293.80956
444146.13    3748533.00     3325.45087
         444159.61    3748547.91     3346.63489
444174.52    3748562.11     3355.06415
         444186.59    3748577.72     3365.96803
444202.91    3748581.27     3318.75240
         444214.27    3748604.70     3359.94048
444234.86    3748617.47     3320.57344

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: AREA2    ***
                                  INCLUDING SOURCE(S):
PAREA2      ,

                                   *** NETWORK ID: UCART1   ;  NETWORK
TYPE: GRIDCART ***

                                        ** CONC OF DPM      IN
MICROGRAMS/M**3                          **

    Y-COORD  |                                                 X-COORD
(METERS)
```

```
    (METERS) |     443543.62    443581.38    443619.14    443656.90
443694.66    443732.42
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  3748168.50 |   40743.90308  43213.62564  46161.94622  51051.57587
58085.17309  64600.21408
  3748138.04 |   36297.62440  38086.04408  40314.22796  43766.98158
49055.84969  53528.11537
  3748107.58 |   32208.57708  34025.10475  35777.73937  38263.79007
42346.72004  45245.48883
  3748077.12 |   28534.79197  30076.50646  32073.81454  34022.44818
37118.65029  39049.40445
  3748046.66 |   25600.87524  26794.38569  28311.84131  30276.44204
32798.48167  34085.30233
  3748016.20 |   23345.53390  24234.74963  25446.23889  26863.73701
28608.81417  29453.66909

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

PAGE 331
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: AREA2    ***
                                  INCLUDING SOURCE(S):
PAREA2      ,

                                   *** NETWORK ID: UCART2   ;  NETWORK
TYPE: GRIDCART ***

                                        ** CONC OF DPM      IN
MICROGRAMS/M**3                          **

    Y-COORD  |                                                 X-COORD
(METERS)
    (METERS) |     444172.99    444272.99    444372.99    444472.99
444572.99    444672.99    444772.99    444872.99    444972.99
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  3748485.77 |   83150.91992  55937.88759  40638.10831  30805.99052
24274.76994  19729.75681  16442.81857  14042.14990  12143.97471
  3748385.77 |   82066.13652  51744.79574  36861.58814  28094.11811
22244.60310  18256.08833  15369.15643  13161.86466  11408.49015
  3748285.77 |   59306.72649  40058.54076  29894.54654  23563.44294
19325.01317  16216.80819  13912.85882  12059.38278  10593.22864
  3748185.77 |   40477.63588  28901.68797  22593.53929  18659.43036
15925.95090  13844.00550  12175.33230  10886.00608   9715.22830
```

```
  3748085.77 |   27833.64690  21282.15295  17337.85087  14808.27709
12969.01534  11586.85900  10512.90903   9605.65642   8771.35153
  3747985.77 |   20475.94383  16614.33833  13787.44059  11983.33946
10734.83623   9765.00264   8979.43460   8344.97632   7776.59411
  3747885.77 |   15543.21937  13491.93101  11754.12450  10119.43068
8970.57017   8298.90767   7759.65619   7262.94826   6838.90895
  3747785.77 |   13070.81093  11534.71221  10301.79076   8882.96005
7850.63455   7163.54281   6733.65929   6368.02983   6043.34627
  3747685.77 |   11160.44615  10170.22241   9123.68864   8082.39616
7184.63773   6499.21677   5996.70967   5653.13373   5382.43703
  3747585.77 |    9586.96999   9003.70074   8323.93550   7520.79612
6707.91901   6097.41158   5596.74372   5193.16541   4895.80146
  3747485.77 |    8389.98704   8060.54109   7624.54274   7037.15777
6362.79851   5765.01974   5301.12489   4904.56525   4591.65364
  3747385.77 |    7439.62047   7250.13525   6950.17143   6540.70206
6111.88748   5521.26344   5068.66833   4691.44696   4382.56418
  3747285.77 |    6680.89439   6547.34011   6342.65711   6043.36642
5688.77748   5284.16787   4874.40417   4518.62058   4211.31811
  3747185.77 |    6057.41673   5969.25496   5823.54282   5597.33307
5331.56390   5038.99839   4699.83349   4369.70217   4077.48474
  3747085.77 |    5537.29292   5470.57131   5347.37275   5191.26453
4991.87303   4780.50003   4525.96253   4243.34191   3961.93602

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

PAGE 332
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: AREA2    ***
                                INCLUDING SOURCE(S):
PAREA2      ,

                                 *** NETWORK ID: UCART2   ;  NETWORK
TYPE: GRIDCART ***

                                      ** CONC OF DPM      IN
MICROGRAMS/M**3                        **

    Y-COORD  |                                              X-COORD
(METERS)
    (METERS) |     445072.99    445172.99    445272.99    445372.99
445472.99    445572.99
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  3748485.77 |   10627.86719   9474.14891   8509.38105   7747.48942
7085.93712   6528.04756
```

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  3748385.77 |   10102.26678   9017.93958   8155.08490   7437.39334
6841.10569   6308.66966
  3748285.77 |    9440.35347   8486.66727   7717.28986   7065.92375
6513.85922   6039.46858
  3748185.77 |    8744.73360   7932.21196   7254.20704   6676.31211
6180.01217   5750.50998
  3748085.77 |    8035.72515   7388.14129   6818.53871   6322.61575
5874.79687   5481.83975
  3747985.77 |    7282.71936   6808.76707   6394.31645   5983.90079
5593.65529   5248.93211
  3747885.77 |    6474.28476   6185.78450   5896.45100   5602.43959
5298.09245   5019.17209
  3747785.77 |    5763.07942   5550.83454   5341.81905   5131.72788
4936.22952   4738.00495
  3747685.77 |    5164.41244   4975.57506   4808.20686   4660.22626
4524.94243   4394.77545
  3747585.77 |    4680.99338   4493.57592   4347.52438   4227.73479
4118.98956   4038.70774
  3747485.77 |    4343.27717   4150.80002   3996.27684   3869.66362
3766.62710   3681.13309
  3747385.77 |    4124.95810   3921.19507   3753.71071   3619.87508
3498.67852   3390.14477
  3747285.77 |    3964.07115   3758.52904   3586.21476   3437.96366
3308.64515   3190.68014
  3747185.77 |    3827.23350   3619.89091   3454.99214   3302.91493
3167.94277   3045.62749
  3747085.77 |    3715.39222   3506.94887   3339.49160   3192.07618
3057.72230   2941.19366

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

PAGE 333
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: AREA2    ***
                                INCLUDING SOURCE(S):
PAREA2      ,

                                              *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                          ** CONC OF DPM      IN
MICROGRAMS/M**3                            **

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

```
         443047.86    3748855.70    18196.80576
443030.11    3748868.74    16749.62766
         443016.91    3748884.58    15588.83216
442999.31    3748898.66    14423.93489
         442983.47    3748918.02    13322.93335
442962.35    3748934.74    12265.33817
         442947.39    3748948.82    11564.63063
442935.07    3748963.78    10973.87451
         442916.59    3748985.78    10163.41990
442898.98    3749001.62     9568.67289
         442881.38    3749017.46     9063.47311
442868.18    3749033.31     8658.13896
         442854.10    3749046.51     8315.03159
442832.98    3749062.35     7884.04111
         442816.26    3749081.71     7505.83290
442801.30    3749094.91     7233.14880
         442780.18    3749111.63     6887.90215
442764.34    3749127.47     6631.83340
         442750.26    3749130.11     6505.21734
442722.10    3749138.03     6247.58227
         442705.38    3749146.83     6071.47636
442678.10    3749144.19     5898.19322
         442659.62    3749147.71     5755.94520
442638.49    3749145.07     5634.28248
         442662.26    3749101.07     6030.37251
442694.82    3749095.79     6310.13719
         442709.78    3749094.03     6442.24560
442730.02    3749086.99     6662.27496
         442752.02    3749068.51     7002.53786
442796.90    3749035.95     7767.94772
         442817.14    3749007.78     8314.02536
442845.30    3748987.54     8951.57983
         442865.54    3748973.46     9461.15028
442840.90    3748956.74     9267.79728
         442888.42    3748944.42    10331.32732
442871.70    3748932.10    10179.44051
         442872.58    3748910.98    10506.67778
442880.50    3748896.90    10895.01431
         442906.02    3748895.14    11552.83621
442925.39    3748905.70    11888.87999
         442928.03    3748871.38    12610.46634
442942.99    3748881.94    12872.82624
         442959.71    3748871.38    13660.52433
442923.63    3748842.34    12996.54100
         442937.71    3748821.22    13859.20871
442971.15    3748822.98    15156.75468
         442986.11    3748841.46    15398.92843
442985.23    3748812.42    16020.13506
         443001.95    3748822.10    16635.51772
443063.55    3748836.18    19951.03752
         443064.43    3748815.06    20726.38746
443051.23    3748791.30    20361.91533
```

```
         443003.71    3748799.22    17250.30182
442974.67    3748795.70    15855.66252
         443038.91    3748779.86    19785.05135
443027.47    3748759.61    19455.53076
         443023.95    3748743.77    19503.29152
443008.99    3748724.41    18858.18243
         443008.99    3748702.41    19147.31391
443097.87    3748795.70    24200.69945
         443090.83    3748778.98    23957.41849
443071.47    3748764.01    22532.35722
         443064.43    3748742.01    22361.58914
443051.23    3748723.53    21610.82184
         443042.43    3748707.69    21238.68970
443042.43    3748691.85    21454.01832
         443141.87    3748742.01    30998.85253
443121.63    3748726.17    28592.22116
         443107.55    3748705.05    27259.18063
443088.19    3748676.01    25578.63539
         443145.39    3748708.57    32287.96749
443176.19    3748679.53    38313.17461
         443103.15    3748670.73    27264.64037
443230.76    3748790.42    52975.10047
         443242.20    3748767.54    57587.31809
443255.40    3748742.89    62639.33950
         443265.08    3748712.97    66679.08991
443278.28    3748687.45    74481.73064
         443297.64    3748659.29    91648.07506
443306.44    3748793.94   116807.20557

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

PAGE 334
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: AREA2    ***
                                INCLUDING SOURCE(S):
PAREA2      ,

                                              *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                           ** CONC OF DPM      IN
MICROGRAMS/M**3                             **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)         CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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         443339.88    3748786.02   172221.54106
443371.56    3748768.42   219988.93229
         443392.68    3748756.97   253997.19466
443418.20    3748739.37   281301.37223
         443444.60    3748724.41   310616.07522
443471.89    3748711.21   334803.74643
         443496.53    3748694.49   334405.31005
443525.57    3748681.29   358978.44418
         443548.45    3748668.09   346190.54836
443583.65    3748651.37   389030.51342
         443383.00    3748960.26    52278.00225
443380.36    3748936.50    79699.74623
         443370.68    3748910.10   156351.19856
443386.52    3748896.02   252196.82443
         443423.48    3748874.90   313924.97275
443448.13    3748859.94   321451.71061
         443465.73    3748849.38   320011.00003
443497.41    3748829.14   319767.78702
         443513.25    3748820.34   315510.76153
443539.65    3748809.78   309217.50766
         443559.89    3748803.62   303589.96799
443581.89    3748796.58   303551.03988
         443602.13    3748793.06   292024.26362
443624.13    3748791.30   275267.37182
         443642.61    3748786.90   282641.70014
443661.09    3748783.38   282317.53795
         443683.97    3748786.02   246338.12104
443535.25    3748597.69   394979.91902
         443511.49    3748617.05   366698.07175
443491.25    3748637.29   340474.18217
         443468.37    3748647.85   361148.60070
443441.08    3748674.25   282347.48767
         443414.68    3748689.21   246840.92037
443389.16    3748705.93   190313.44332
         443307.32    3748632.01   101588.62019
443322.28    3748600.33   109853.04234
         443336.36    3748572.17   114348.45530
443355.72    3748617.05   196061.92145
         443377.72    3748583.61   229366.35467
443387.40    3748555.45   210773.68278
         443399.72    3748531.69   231982.77384
443409.40    3748510.57   261646.97090
         443339.88    3748550.17   108797.12107
443358.36    3748517.61   113593.41985
         443360.12    3748489.44   107850.56797
443372.44    3748464.80   114858.11122
         443394.44    3748441.04   116895.09185
443497.41    3748439.28   343311.96103
         443522.05    3748422.56   255005.83710
443541.41    3748404.08   209691.08793
         443557.25    3748392.64   190753.02799
443580.13    3748376.80   185780.37991
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         443602.13    3748365.36   188595.40842
443623.25    3748346.00   179607.21647
         443653.17    3748335.44   208234.64494
443671.65    3748321.36   204223.57288
         443508.85    3748368.88   119729.00964
443479.81    3748380.32   118843.02116
         443526.45    3748355.68   114531.50676
443548.45    3748339.84   110771.88776
         443571.33    3748324.00   110387.14065
443590.69    3748310.80   108780.25604
         443612.69    3748296.72   105797.19197
443636.45    3748282.64   105843.22931
         443654.93    3748265.92    99704.09209
443672.53    3748246.56    91932.44299
         443689.25    3748231.60    86644.07200
443706.85    3748215.75    82037.88791
         443691.02    3748297.60   172709.13615
443707.74    3748282.64   154653.94296
         443725.34    3748266.80   138316.34642
443741.18    3748257.12   135049.44942
         443759.66    3748243.03   135187.37097
443773.74    3748221.03   115404.05454
         443794.86    3748203.43   110461.98198
443813.34    3748185.83   104313.65223
         443824.78    3748163.83    87561.18321
443842.38    3748150.63    83007.58358
         443794.86    3748123.35    55332.17506
443808.06    3748106.63    51272.14614

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

PAGE 335
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: AREA2    ***
                                INCLUDING SOURCE(S):
PAREA2      ,

                                              *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                           ** CONC OF DPM      IN
MICROGRAMS/M**3                             **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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```
         443773.74    3748145.35    60922.42900
443762.30    3748169.11    70177.04286
         443749.10    3748183.19    74704.83998
443724.46    3748197.27    76441.80060
         443669.01    3748506.17   448318.23184
443691.02    3748531.69   413484.65057
         443709.50    3748544.89   400593.23999
443731.50    3748574.81   480248.66088
         443760.54    3748588.01   483933.77622
443782.54    3748564.25   360640.13090
         443807.18    3748539.61   311739.98513
443826.54    3748515.85   288453.56704
         443852.94    3748491.21   284411.39084
443863.50    3748470.09   270148.11511
         443881.98    3748439.28   255866.11088
443881.10    3748410.24   234653.43480
         443899.59    3748423.44   259416.90849
443891.66    3748384.72   228174.91087
         443911.07    3748370.97   227626.91978
443929.51    3748345.54   227900.05717
         443939.05    3748329.01   224243.43784
443954.95    3748309.93   216738.49884
         443975.29    3748291.49   196506.02325
443932.69    3748260.34   278997.14893
         443907.90    3748288.95   297345.66404
443892.00    3748306.75   289653.03796
         443878.65    3748325.19   275678.82098
443864.66    3748341.09   269828.02217
         443848.13    3748357.62   275811.23065
443829.69    3748376.69   276184.13844
         443795.99    3748384.96   323186.45769
443774.37    3748402.76   330103.37456
         443747.03    3748423.75   355464.02260
443723.50    3748442.19   366519.02219
         443705.70    3748458.72   362280.67603
443678.36    3748482.88   420045.63842
         443730.50    3748499.41   297957.69726
443747.03    3748481.61   277427.05295
         443773.10    3748465.71   264378.53985
443753.39    3748477.79   273783.28348
         443778.19    3748500.05   262915.05741
443792.17    3748480.97   254578.43517
         443816.97    3748455.54   243863.70828
443801.08    3748442.82   254258.23317
         443815.70    3748424.38   251849.23206
443834.14    3748437.73   239371.03991
         443855.06    3748084.13    47464.02711
443836.57    3748062.13    40568.57844
         443812.81    3748041.00    35197.65360
443769.68    3747996.11    27167.68573
         443828.65    3748013.72    31153.36635
443816.33    3747989.95    27279.76944
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         443813.69    3747954.75    23340.51693
443764.40    3747961.79    23478.50121
         443730.07    3747945.06    21619.39400
443706.31    3747923.06    20017.72227
         443688.70    3747902.81    18662.23052
443664.94    3747880.81    17107.92790
         443646.45    3747852.64    15621.67097
443619.17    3747824.48    14342.69106
         443604.20    3747805.99    13748.40037
443618.29    3747776.95    12978.80797
         443639.41    3747752.30    12367.26043
443670.22    3747725.02    11797.60422
         443702.78    3747688.05    11091.89709
443684.30    3747671.33    10648.53849
         443719.51    3747704.77    11562.73487
443730.07    3747724.14    12134.03161
         443752.96    3747739.98    12727.58849
443766.16    3747760.22    13490.91346
         443789.04    3747782.23    14332.57816
443802.25    3747798.07    14989.47906
         443819.85    3747817.44    15949.55161
443838.33    3747832.40    16725.08073
         443855.06    3747848.24    17512.94231
443868.26    3747867.61    18444.35381
         443885.86    3747890.49    19597.45772
443905.23    3747909.86    20785.79531
         443919.31    3747930.10    22597.36259
443942.20    3747945.94    25475.37084

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

PAGE 336
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: AREA2    ***
                                INCLUDING SOURCE(S):
PAREA2      ,

                                              *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                           ** CONC OF DPM      IN
MICROGRAMS/M**3                             **

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

```
         443955.40    3747961.79    26466.82585
443984.44    3747930.10    22816.69014
         443991.49    3747911.62    21217.93849
443994.13    3747889.61    19909.82572
         444004.69    3747868.49    18092.77901
444006.45    3747849.12    17136.42317
         444014.37    3747831.52    16281.87534
444017.01    3747807.75    15476.96509
         444024.93    3747790.15    14875.12019
444036.38    3747768.15    14159.45419
         444047.82    3747747.90    13533.96846
444058.38    3747728.54    12932.32778
         444071.58    3747710.05    12370.60837
444086.55    3747695.97    11925.52816
         444102.39    3747681.89    11506.71458
444114.71    3747666.93    11153.52715
         444132.32    3747655.48    10843.83752
444112.95    3747621.16    10344.21551
         443727.52    3747635.24    10198.05703
443741.61    3747647.56    10507.85747
         443754.81    3747668.68    10964.68657
443769.77    3747684.53    11339.86015
         443780.34    3747695.09    11757.58885
443797.06    3747714.46    12442.78000
         443809.38    3747727.66    12964.93547
443823.47    3747745.26    13694.94737
         443846.35    3747775.19    14733.60749
443860.44    3747786.63    15131.35721
         443868.36    3747769.91    14605.23550
443879.80    3747749.66    13973.77208
         443887.72    3747723.26    13150.50853
443892.12    3747702.13    12493.58936
         443895.64    3747682.77    11851.71154
443893.00    3747660.76    11322.63633
         443893.88    3747640.52    10925.46529
443897.41    3747621.15    10577.74015
         443900.05    3747604.43    10293.84151
443899.17    3747585.94     9987.04145
         443901.81    3747563.94     9664.31733
443901.81    3747546.33     9421.46206
         443904.45    3747526.97     9184.28370
443903.57    3747507.60     8935.21470
         443901.81    3747487.36     8673.30848
443905.33    3747466.23     8430.01115
         443904.45    3747445.99     8117.59998
443903.57    3747429.26     7906.30229
         443904.45    3747407.26     7678.08017
443903.57    3747388.77     7489.98963
         443900.93    3747365.01     7258.82198
443894.76    3747341.24     7032.38867
         443891.24    3747320.99     6850.44363
443886.84    3747302.51     6688.90589
```

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         443883.32    3747278.74     6496.24837
443882.44    3747257.62     6339.06077
         443875.40    3747240.89     6210.42661
443862.20    3747223.29     6064.14917
         443848.99    3747203.92     5906.94089
443875.40    3747192.48     5901.36174
         443893.88    3747174.00     5833.78084
443900.93    3747150.23     5716.66201
         443879.80    3747124.70     5526.96163
443859.56    3747118.54     5439.38381
         443821.71    3747120.30     5361.84361
444137.71    3747581.54     9664.16544
         444132.43    3747563.06     9413.34887
444122.74    3747541.93     9189.98710
         444115.70    3747514.64     8909.16873
444104.26    3747490.88     8696.65386
         444093.70    3747447.75     8247.50503
444089.29    3747432.78     8094.87162
         444084.01    3747410.78     7858.09266
444079.61    3747394.05     7671.59477
         444066.41    3747371.17     7431.91453
444065.53    3747356.20     7294.15778
         444057.61    3747328.92     7080.84957
444048.80    3747309.55     6946.12077
         444041.76    3747289.31     6805.68963
444039.12    3747269.94     6670.52914
         444032.08    3747252.34     6551.48066
444026.80    3747232.09     6408.52611

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

PAGE 337
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: AREA2    ***
                                INCLUDING SOURCE(S):
PAREA2      ,

                                              *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                           ** CONC OF DPM      IN
MICROGRAMS/M**3                             **

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

```
         444024.16    3747211.85     6263.40689
444012.71    3747194.24     6137.83564
         444009.19    3747178.40     6031.56451
444000.39    3747159.03     5907.59083
         443990.71    3747139.67     5794.71328
443987.19    3747122.06     5695.51504
         443544.98    3747753.94    11721.40560
443566.91    3747739.32    11517.97641
         443582.75    3747705.21    10881.41540
443608.33    3747662.57    10118.68894
         443585.18    3747683.28    10430.29939
443664.38    3747610.18     9473.56849
         444061.69    3748396.73   192204.71221
443702.16    3748778.14   265586.31947
         443720.87    3748761.68   323207.81163
443735.08    3748748.96   371076.54439
         443761.27    3748751.20   299702.47734
443781.48    3748750.46   272490.48050
         443799.43    3748733.25   325294.59926
443816.64    3748742.22   256235.75946
         443859.29    3748707.06   267877.62605
443854.80    3748660.67   392165.79220
         443872.01    3748652.43   343664.86626
443881.74    3748635.22   340228.35680
         443889.22    3748615.02   349392.30542
443912.42    3748586.59   320506.90585
         443949.73    3748543.05   283983.88476
443955.98    3748523.52   304175.86767
         443964.58    3748509.45   306264.40482
443975.51    3748496.56   299387.34333
         444002.47    3748489.92   242395.08212
443993.02    3748508.17   237217.68036
         443984.29    3748521.95   235081.25282
443976.48    3748538.50   230481.11267
         443964.53    3748550.91   238873.30306
443950.29    3748565.15   250230.14414
         443942.47    3748583.07   245493.14579
444015.08    3748474.62   232079.49481
         444023.81    3748461.29   226466.16659
444033.00    3748446.13   219474.01932
         444049.55    3748429.58   199057.01432
444052.31    3748411.20   207516.01016
         443186.88    3748634.70    41479.10808
443201.94    3748608.36    44994.81082
         443224.52    3748583.89    49281.90191
443237.69    3748551.90    52543.79881
         443250.87    3748525.56    55266.93814
443267.80    3748491.68    54827.39052
         443290.38    3748454.05    56483.76028
443299.79    3748416.41    51448.41150
         443299.79    3748384.42    46133.63799
443301.68    3748352.43    42539.08357
```

```
         443305.44    3748320.44    39312.42248
443117.28    3748611.37    29598.18444
         443090.70    3748626.39    26432.20957
443162.35    3748585.94    36414.18124
         443179.69    3748558.20    38862.67353
443190.09    3748530.47    39145.27673
         443205.11    3748494.64    39626.45712
443229.38    3748456.50    39793.06787
         443231.69    3748413.74    36470.96832
443252.50    3748389.47    37594.95261
         443186.62    3748471.53    35344.21781
443141.55    3748525.84    31670.88034
         443138.08    3748498.11    30020.07122
443150.79    3748472.68    30515.85315
         443169.29    3748447.26    31190.55678
443183.15    3748419.52    31028.81923
         443202.80    3748396.41    31775.09775
443224.76    3748373.29    32658.20284
         443238.63    3748345.56    32180.14436
443112.66    3748590.56    29142.15594
         443080.30    3748597.50    25631.13835
443072.21    3748572.07    24920.02501
         443103.41    3748554.74    27952.40672
443093.01    3748532.78    26671.87811
         444066.11    3748315.51   133837.68548
444098.47    3748350.18   122314.42204
         444078.82    3748294.70   106772.50691
444089.22    3748273.90    90385.38897

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

PAGE 338
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: AREA2    ***
                                INCLUDING SOURCE(S):
PAREA2      ,

                                              *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                           ** CONC OF DPM      IN
MICROGRAMS/M**3                             **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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```
         444096.16    3748253.10    79268.24521
444111.18    3748321.29    96941.91751
         444131.98    3748302.79    78751.42745
444135.45    3748284.30    71382.01613
         443313.52    3748260.81    33598.06703
443230.72    3748275.87    26650.66309
         443260.83    3748238.23    26583.16328
443274.00    3748215.65    26035.46039
         443304.11    3748178.01    24948.55063
443198.73    3748330.44    26880.52249
         443155.44    3748373.72    25717.51505
443119.69    3748411.36    24487.75574
         443100.87    3748441.47    24419.68468
443093.34    3748477.23    25416.64891
         443080.17    3748501.69    24935.80216
443718.12    3747857.82    16897.73833
         443737.76    3747882.38    18173.89653
443765.27    3747898.10    19076.63848
         443754.46    3747918.73    20137.24841
443696.50    3747826.38    15456.19228
         443672.93    3747804.77    14370.02921
443726.96    3747844.07    16403.31577
         443710.26    3747771.37    13476.72474
443737.76    3747790.04    14222.82763
         443746.61    3747808.70    15005.03277
443762.32    3747821.47    15620.87284
         443787.87    3747845.05    16739.13083
443800.64    3747866.66    17834.59469
         443806.53    3747929.53    21313.04983
443520.64    3747701.59    10538.45570
         443551.64    3747661.73     9922.05944
443591.49    3747635.16     9548.26330
         443836.47    3747717.70    13128.12431
443840.73    3747688.60    12371.04583
         443841.44    3747663.76    11607.59660
443804.53    3747670.15    11860.07376
         443787.49    3747657.37    11116.09072
443777.55    3747633.95    10458.46494
         443744.90    3747619.04    10012.64657
443761.94    3747606.26     9891.75939
         443844.28    3747623.30    10514.28886
443847.12    3747599.87    10087.63382
         443852.79    3747578.58     9750.98036
443849.96    3747558.00     9411.10862
         443849.96    3747537.41     9130.20195
443854.92    3747518.25     8884.91578
         443847.12    3747495.53     8543.10991
443853.50    3747478.50     8353.21311
         443850.67    3747457.20     8089.65116
443854.21    3747438.75     7886.78151
         443849.96    3747397.58     7440.23242
443854.21    3747418.16     7658.57843
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         443853.50    3747378.41     7271.29508
443843.57    3747336.54     6866.47610
         443836.47    3747315.24     6669.55688
443829.37    3747296.08     6495.97824
         443827.95    3747274.07     6326.81296
443816.59    3747254.20     6156.42198
         443805.95    3747236.45     6008.56807
443803.11    3747219.42     5890.43919
         443838.60    3747186.06     5771.29859
443838.60    3747171.15     5683.80317
         443970.69    3747984.97    27599.88791
443980.63    3747995.62    28055.73964
         443994.83    3748014.08    29287.70149
444006.19    3748026.85    29987.74427
         444016.83    3748040.34    30972.38517
444040.26    3748051.70    31060.17845
         444048.78    3748065.89    32298.25499
444060.13    3748085.77    34625.81590
         444079.30    3748100.68    36102.06085
444088.53    3748117.00    38880.55169
         444101.30    3748132.62    41332.99514
444114.79    3748147.53    42999.32229
         444129.70    3748161.72    44014.99114
444141.76    3748177.34    45075.67566
         444158.09    3748180.89    42755.62411
444169.45    3748204.31    44148.44193
         444190.03    3748217.09    41985.93644
444192.83    3748193.06    37990.02491

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

PAGE 339
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: AREA2    ***
                                INCLUDING SOURCE(S):
PAREA2      ,

                                              *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                           ** CONC OF DPM      IN
MICROGRAMS/M**3                             **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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         444195.33    3748122.70    29469.08081
444008.68    3747956.49    23297.69189
         444019.33    3747969.98    23869.99103
444042.75    3747981.34    23616.83424
         444051.27    3747995.53    24532.81260
444062.63    3748015.41    25926.49937
         444081.79    3748030.32    26565.22370
444091.02    3748046.64    27905.06591
         444103.80    3748062.26    29332.35542
444117.29    3748077.17    30519.38805
         444132.19    3748091.36    31520.28080
444144.26    3748106.98    32747.82134
         444160.59    3748110.53    31880.78931
444171.94    3748133.95    33561.46507
         444192.53    3748146.73    32307.11087
444143.39    3748498.91    93812.49371
         444154.04    3748512.39    87696.35404
444177.46    3748523.75    78663.68047
         444185.98    3748537.95    75042.55859
444197.34    3748557.82    70102.71921
         444216.50    3748572.73    64321.74019
444225.73    3748589.05    61237.47619
         444238.51    3748604.67    57742.51674
444251.99    3748619.58    54445.35514
         444266.90    3748633.77    51232.81571
444278.97    3748649.39    48563.24810
         444295.29    3748652.94    46260.49462
444306.65    3748676.37    43561.75733
         444237.65    3748593.44    58668.20049
444061.66    3748440.72   171113.05004
         444085.08    3748452.08   139018.29290
444093.60    3748466.28   129033.38771
         444104.96    3748486.15   116349.94416
444124.12    3748501.06   103210.19684
         444133.35    3748517.39    96413.87942
444146.13    3748533.00    88524.86611
         444159.61    3748547.91    81830.10826
444174.52    3748562.11    75809.40630
         444186.59    3748577.72    70803.18988
444202.91    3748581.27    66656.96873
         444214.27    3748604.70    62356.60387
444234.86    3748617.47    57460.07890

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

PAGE 340
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

```
                    *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: AREA3    ***
                                    INCLUDING SOURCE(S):
PAREA3      ,

                                     *** NETWORK ID: UCART1   ;  NETWORK
TYPE: GRIDCART ***

                                          ** CONC OF DPM      IN
MICROGRAMS/M**3                            **

    Y-COORD  |                                                  X-COORD
(METERS)
    (METERS) |     443543.62    443581.38    443619.14    443656.90
443694.66    443732.42
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  3748168.50 |    5928.71067   6179.63709   6395.90370   6635.70475
6841.91123   7034.97983
  3748138.04 |    6416.33538   6739.44277   7012.86330   7312.41523
7660.89270   7941.28152
  3748107.58 |    6954.32587   7360.35812   7729.26283   8119.43727
8628.02276   9035.01454
  3748077.12 |    7541.22787   8009.71103   8536.63730   9071.75121
9771.44274  10322.34596
  3748046.66 |    8119.79984   8671.88591   9321.08586  10111.80976
11102.69315  11875.95554
  3748016.20 |    8759.53826   9427.49943  10240.70159  11218.37479
12436.29526  13537.75947

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

PAGE 341
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: AREA3    ***
                                    INCLUDING SOURCE(S):
PAREA3      ,

                                     *** NETWORK ID: UCART2   ;  NETWORK
TYPE: GRIDCART ***

                                          ** CONC OF DPM      IN
MICROGRAMS/M**3                            **

    Y-COORD  |                                                  X-COORD
(METERS)
```

```
    (METERS) |     444172.99    444272.99    444372.99    444472.99
444572.99    444672.99    444772.99    444872.99    444972.99
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  3748485.77 |    3523.23516   3417.95260   3379.88072   3370.61797
3383.48808   3403.83622   3421.43112   3440.96094   3424.85327
  3748385.77 |    4392.13771   4264.10176   4220.30373   4242.51604
4253.94561   4279.21819   4321.67799   4279.17515   4164.27836
  3748285.77 |    5777.37390   5643.56956   5664.85260   5676.28496
5671.43614   5617.51177   5528.84924   5362.31422   5157.15035
  3748185.77 |    8526.90006   8317.20089   8231.53527   8086.63335
7862.50344   7544.47455   7159.26973   6787.00650   6347.79393
  3748085.77 |   15405.79999  14076.25244  13072.84229  12086.39072
11097.69675  10152.81424   9274.34368   8449.48367   7664.01514
  3747985.77 |   33741.17115  26388.75869  21314.31826  17876.79270
15332.35421  13308.31792  11618.55254  10205.36755   8982.06651
  3747885.77 |   64308.32987  44370.30796  33300.10573  25560.60229
20133.21055  16622.61853  13980.01892  11849.14572  10154.75420
  3747785.77 |  102122.24251  65058.65416  45940.13319  32615.00962
24695.14435  19453.80736  15846.07809  13089.82996  10993.78966
  3747685.77 |  146212.96898  84973.66809  55340.38764  37819.67038
27439.74900  21114.87645  16772.23625  13678.82000  11357.05217
  3747585.77 |  170829.71891  90641.52801  58308.30985  39544.40839
27927.87843  21239.50242  16789.66376  13567.13534  11220.27755
  3747485.77 |  142103.98590  80087.90425  52553.87718  36431.12480
26144.48160  19727.37306  15681.32985  12769.03170  10657.72468
  3747385.77 |  105445.57429  62981.92304  41836.87467  29961.67654
22795.32879  17294.84762  13939.18625  11544.20396   9774.35552
  3747285.77 |   68973.29828  44349.93318  30810.15246  22781.12149
17704.80977  14238.78591  11811.73852  10065.55959   8683.65842
  3747185.77 |   39892.68254  28941.84441  21841.99379  16885.90448
13599.14824  11352.49283   9689.84901   8473.41777   7522.57880
  3747085.77 |   22786.62495  18776.98361  15378.31270  12673.23420
10547.78937   9051.40250   7927.10539   7076.60677   6387.36482

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: AREA3    ***
                                INCLUDING SOURCE(S):
PAREA3      ,

                                 *** NETWORK ID: UCART2   ;  NETWORK
TYPE: GRIDCART ***
```

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                                        ** CONC OF DPM      IN
MICROGRAMS/M**3                          **

    Y-COORD  |                                                  X-COORD
(METERS)
    (METERS) |     445072.99    445172.99    445272.99    445372.99
445472.99    445572.99
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  3748485.77 |    3378.61136   3335.67036   3265.21457   3188.26356
3092.42725   2989.54208
  3748385.77 |    4091.61862   3962.07065   3827.88813   3684.10620
3541.14835   3381.46393
  3748285.77 |    4938.56733   4699.16322   4463.77690   4225.09324
3981.19667   3757.37984
  3748185.77 |    5922.46841   5515.03235   5133.14095   4774.16254
4440.95005   4134.67777
  3748085.77 |    6961.06684   6337.08228   5783.22970   5294.33027
4852.56997   4461.71822
  3747985.77 |    7965.31266   7090.52474   6372.62898   5741.95306
5193.47587   4730.81121
  3747885.77 |    8791.53801   7728.26775   6838.37094   6092.35563
5456.48662   4935.16584
  3747785.77 |    9379.34442   8149.11831   7133.21892   6296.31431
5622.95865   5064.93979
  3747685.77 |    9628.84667   8290.38783   7225.46374   6369.57090
5674.95805   5106.08155
  3747585.77 |    9500.97782   8146.80467   7113.74493   6290.37031
5609.18457   5066.73268
  3747485.77 |    9042.23045   7808.83072   6844.40302   6072.03217
5441.80143   4916.35083
  3747385.77 |    8389.98896   7320.99595   6466.12494   5786.15186
5202.85859   4702.00866
  3747285.77 |    7615.41153   6741.90402   6018.83337   5415.49478
4908.57779   4466.57372
  3747185.77 |    6729.73167   6062.62149   5516.54470   5007.95056
4568.53015   4188.23067
  3747085.77 |    5833.96588   5363.81417   4966.31314   4584.90506
4223.00705   3912.57101

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
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***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: AREA3    ***
```

INCLUDING SOURCE(S):

PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
443047.86	3748855.70	1641.54633	443030.11	3748868.74	1617.59930
443016.91	3748884.58	1589.36118	442999.31	3748898.66	1564.84863
442983.47	3748918.02	1533.25072	442962.35	3748934.74	1506.50456
442947.39	3748948.82	1485.79976	442935.07	3748963.78	1464.39467
442916.59	3748985.78	1430.48463	442898.98	3749001.62	1406.55848
442881.38	3749017.46	1387.09959	442868.18	3749033.31	1366.99064
442854.10	3749046.51	1351.69906	442832.98	3749062.35	1332.76221
442816.26	3749081.71	1310.71014	442801.30	3749094.91	1295.75050
442780.18	3749111.63	1275.69347	442764.34	3749127.47	1259.10639
442750.26	3749130.11	1256.11390	442722.10	3749138.03	1247.63160
442705.38	3749146.83	1237.35930	442678.10	3749144.19	1235.69612
442659.62	3749147.71	1229.60401	442638.49	3749145.07	1228.55066
442662.26	3749101.07	1272.78902	442694.82	3749095.79	1283.76304
442709.78	3749094.03	1288.13032	442730.02	3749086.99	1298.58100
442752.02	3749068.51	1321.12285	442796.90	3749035.95	1364.28883
442817.14	3749007.78	1400.37423	442845.30	3748987.54	1427.94345
442865.54	3748973.46	1447.12845	442840.90	3748956.74	1465.92592
442888.42	3748944.42	1490.02298	442871.70	3748932.10	1504.64003
442872.58	3748910.98	1532.86082	442880.50	3748896.90	1553.42690

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         442906.02    3748895.14     1560.92810
442925.39    3748905.70     1550.95097
         442928.03    3748871.38     1601.21480
442942.99    3748881.94     1587.98631
         442959.71    3748871.38     1606.64513
442923.63    3748842.34     1644.40433
         442937.71    3748821.22     1682.78460
442971.15    3748822.98     1687.22191
         442986.11    3748841.46     1658.21321
442985.23    3748812.42     1708.81961
         443001.95    3748822.10     1696.29627
443063.55    3748836.18     1678.46678
         443064.43    3748815.06     1716.26558
443051.23    3748791.30     1753.00467
         443003.71    3748799.22     1737.44627
442974.67    3748795.70     1736.41436
         443038.91    3748779.86     1773.23064
443027.47    3748759.61     1811.49906
         443023.95    3748743.77     1840.20081
443008.99    3748724.41     1873.97948
         443008.99    3748702.41     1915.08960
443097.87    3748795.70     1752.57963
         443090.83    3748778.98     1780.63627
443071.47    3748764.01     1802.37340
         443064.43    3748742.01     1840.01520
443051.23    3748723.53     1869.56008
         443042.43    3748707.69     1900.61049
443042.43    3748691.85     1931.24924
         443141.87    3748742.01     1865.30916
443121.63    3748726.17     1892.04136
         443107.55    3748705.05     1929.02574
443088.19    3748676.01     1979.19134
         443145.39    3748708.57     1938.26351
443176.19    3748679.53     2016.90552
         443103.15    3748670.73     1998.45682
443230.76    3748790.42     1802.58190
         443242.20    3748767.54     1853.79127
443255.40    3748742.89     1908.82356
         443265.08    3748712.97     1979.58441
443278.28    3748687.45     2042.08235
         443297.64    3748659.29     2123.34837
443306.44    3748793.94     1788.88520

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Trails of Corona\HRA\Construction HRA ***        09/01/18
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: AREA3 ***
INCLUDING SOURCE(S):
PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
443339.88	3748786.02	1808.78770	443371.56	3748768.42	1856.98407
443392.68	3748756.97	1886.57815	443418.20	3748739.37	1932.24487
443444.60	3748724.41	1968.75097	443471.89	3748711.21	2011.05055
443496.53	3748694.49	2060.43164	443525.57	3748681.29	2098.07712
443548.45	3748668.09	2143.68567	443583.65	3748651.37	2200.90387
443383.00	3748960.26	1521.91466	443380.36	3748936.50	1557.43100
443370.68	3748910.10	1598.87682	443386.52	3748896.02	1622.39854
443423.48	3748874.90	1661.11854	443448.13	3748859.94	1689.57736
443465.73	3748849.38	1710.30208	443497.41	3748829.14	1752.81836
443513.25	3748820.34	1772.48405	443539.65	3748809.78	1795.12919
443559.89	3748803.62	1808.42672	443581.89	3748796.58	1825.24885
443602.13	3748793.06	1836.66074	443624.13	3748791.30	1845.53908
443642.61	3748786.90	1858.39970	443661.09	3748783.38	1871.64560
443683.97	3748786.02	1875.90714	443535.25	3748597.69	2391.84750
443511.49	3748617.05	2315.72954	443491.25	3748637.29	2243.54231
443468.37	3748647.85	2202.77400	443441.08	3748674.25	2123.66537
443414.68	3748689.21	2074.10385	443389.16	3748705.93	2019.98082
443307.32	3748632.01	2207.36864	443322.28	3748600.33	2317.17558

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         443336.36    3748572.17     2425.42582
443355.72    3748617.05     2264.47675
         443377.72    3748583.61     2382.31961
443387.40    3748555.45     2494.07663
         443399.72    3748531.69     2588.02038
443409.40    3748510.57     2677.51714
         443339.88    3748550.17     2506.73118
443358.36    3748517.61     2652.78892
         443360.12    3748489.44     2765.93391
443372.44    3748464.80     2872.55505
         443394.44    3748441.04     3021.09831
443497.41    3748439.28     3085.57959
         443522.05    3748422.56     3220.62649
443541.41    3748404.08     3367.03690
         443557.25    3748392.64     3470.17149
443580.13    3748376.80     3605.98166
         443602.13    3748365.36     3716.78005
443623.25    3748346.00     3902.73598
         443653.17    3748335.44     4021.28606
443671.65    3748321.36     4186.29745
         443508.85    3748368.88     3603.65562
443479.81    3748380.32     3480.09319
         443526.45    3748355.68     3730.74732
443548.45    3748339.84     3892.62687
         443571.33    3748324.00     4063.03280
443590.69    3748310.80     4222.14416
         443612.69    3748296.72     4414.17573
443636.45    3748282.64     4620.26486
         443654.93    3748265.92     4879.63979
443672.53    3748246.56     5207.80657
         443689.25    3748231.60     5502.05752
443706.85    3748215.75     5846.77529
         443691.02    3748297.60     4495.67645
443707.74    3748282.64     4732.05507
         443725.34    3748266.80     5007.05104
443741.18    3748257.12     5197.55878
         443759.66    3748243.03     5480.26809
443773.74    3748221.03     5950.84091
         443794.86    3748203.43     6426.57354
443813.34    3748185.83     6973.61056
         443824.78    3748163.83     7711.22665
443842.38    3748150.63     8323.59947
         443794.86    3748123.35     8831.88608
443808.06    3748106.63     9750.55759

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Trails of Corona\HRA\Construction HRA ***        09/01/18
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PAGE 345
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: AREA3 ***
INCLUDING SOURCE(S):

PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
443773.74	3748145.35	7892.92028	443762.30	3748169.11	7164.85619
443749.10	3748183.19	6727.39254	443724.46	3748197.27	6292.92427
443669.01	3748506.17	2809.15339	443691.02	3748531.69	2702.36910
443709.50	3748544.89	2654.19932	443731.50	3748574.81	2535.17464
443760.54	3748588.01	2504.99206	443782.54	3748564.25	2634.04610
443807.18	3748539.61	2780.94438	443826.54	3748515.85	2932.23016
443852.94	3748491.21	3123.20381	443863.50	3748470.09	3278.10368
443881.98	3748439.28	3543.73984	443881.10	3748410.24	3773.77148
443899.59	3748423.44	3721.46627	443891.66	3748384.72	4043.67604
443911.07	3748370.97	4256.16065	443929.51	3748345.54	4617.06873
443939.05	3748329.01	4872.88238	443954.95	3748309.93	5219.49384
443975.29	3748291.49	5615.73440	443932.69	3748260.34	5995.92747
443907.90	3748288.95	5320.84553	443892.00	3748306.75	4965.87084
443878.65	3748325.19	4653.76644	443864.66	3748341.09	4402.36689
443848.13	3748357.62	4154.46672	443829.69	3748376.69	3908.76734
443795.99	3748384.96	3746.93372	443774.37	3748402.76	3559.74738
443747.03	3748423.75	3360.06574	443723.50	3748442.19	3213.26046
443705.70	3748458.72	3101.94768	443678.36	3748482.88	2938.21616

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         443730.50    3748499.41     2891.38381
443747.03    3748481.61     3004.55472
         443773.10    3748465.71     3124.11971
443753.39    3748477.79     3031.81593
         443778.19    3748500.05     2938.34487
443792.17    3748480.97     3061.51880
         443816.97    3748455.54     3262.89262
443801.08    3748442.82     3314.21425
         443815.70    3748424.38     3475.40116
443834.14    3748437.73     3423.20936
         443855.06    3748084.13    11865.45908
443836.57    3748062.13    12973.10776
         443812.81    3748041.00    13969.76385
443769.68    3747996.11    15957.14438
         443828.65    3748013.72    17077.95740
443816.33    3747989.95    18906.63604
         443813.69    3747954.75    23266.30938
443764.40    3747961.79    18627.78507
         443730.07    3747945.06    17757.88578
443706.31    3747923.06    17999.37375
         443688.70    3747902.81    18105.92511
443664.94    3747880.81    17403.69607
         443646.45    3747852.64    17317.01550
443619.17    3747824.48    16629.80503
         443604.20    3747805.99    16498.49334
443618.29    3747776.95    18083.28591
         443639.41    3747752.30    19876.26256
443670.22    3747725.02    22727.98758
         443702.78    3747688.05    26821.66500
443684.30    3747671.33    24633.34679
         443719.51    3747704.77    29184.69891
443730.07    3747724.14    31053.71279
         443752.96    3747739.98    35958.05184
443766.16    3747760.22    39888.66607
         443789.04    3747782.23    47093.05736
443802.25    3747798.07    52556.22357
         443819.85    3747817.44    62817.79575
443838.33    3747832.40    76589.06957
         443855.06    3747848.24    88458.13450
443868.26    3747867.61    86924.03177
         443885.86    3747890.49    79265.38760
443905.23    3747909.86    73535.56576
         443919.31    3747930.10    62935.94758
443942.20    3747945.94    65873.81630

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Trails of Corona\HRA\Construction HRA ***        09/01/18
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***        20:07:54

PAGE 346
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: AREA3 ***
INCLUDING SOURCE(S):

PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
443955.40	3747961.79	50301.99954	443984.44	3747930.10	106955.81748
443991.49	3747911.62	172171.73495	443994.13	3747889.61	279398.40680
444004.69	3747868.49	264465.26572	444006.45	3747849.12	290710.18374
444014.37	3747831.52	287938.75505	444017.01	3747807.75	316542.09859
444024.93	3747790.15	316479.74817	444036.38	3747768.15	309870.50467
444047.82	3747747.90	306006.57941	444058.38	3747728.54	303670.21689
444071.58	3747710.05	292664.26017	444086.55	3747695.97	269377.34371
444102.39	3747681.89	246072.16810	444114.71	3747666.93	235923.05604
444132.32	3747655.48	211618.63165	444112.95	3747621.16	284712.16207
443727.52	3747635.24	31377.63651	443741.61	3747647.56	34119.00507
443754.81	3747668.68	36585.22668	443769.77	3747684.53	39814.53485
443780.34	3747695.09	44364.10439	443797.06	3747714.46	52053.18873
443809.38	3747727.66	59413.09152	443823.47	3747745.26	70793.32511
443846.35	3747775.19	94193.54968	443860.44	3747786.63	116003.49336
443868.36	3747769.91	127011.88597	443879.80	3747749.66	140708.83406
443887.72	3747723.26	142116.46655	443892.12	3747702.13	138526.60161
443895.64	3747682.77	131509.18665	443893.00	3747660.76	120845.38032
443893.88	3747640.52	119715.00066	443897.41	3747621.15	123332.73757

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         443900.05    3747604.43   126018.33687
443899.17    3747585.94   122537.52384
         443901.81    3747563.94   124995.08165
443901.81    3747546.33   123540.22040
         443904.45    3747526.97   126713.66091
443903.57    3747507.60   122894.30348
         443901.81    3747487.36   116959.67523
443905.33    3747466.23   119330.69165
         443904.45    3747445.99   110643.22878
443903.57    3747429.26   105556.42935
         443904.45    3747407.26   103986.61677
443903.57    3747388.77   100786.01188
         443900.93    3747365.01    95957.56020
443894.76    3747341.24    87879.73788
         443891.24    3747320.99    83488.01075
443886.84    3747302.51    78291.97290
         443883.32    3747278.74    73887.81620
443882.44    3747257.62    71907.59716
         443875.40    3747240.89    63238.64760
443862.20    3747223.29    50072.97227
         443848.99    3747203.92    39508.66167
443875.40    3747192.48    48884.25705
         443893.88    3747174.00    50544.67938
443900.93    3747150.23    41069.86397
         443879.80    3747124.70    28912.28595
443859.56    3747118.54    24978.86181
         443821.71    3747120.30    21193.05402
444137.71    3747581.54   232974.28212
         444132.43    3747563.06   239518.23480
444122.74    3747541.93   254849.39811
         444115.70    3747514.64   253014.32902
444104.26    3747490.88   267103.82806
         444093.70    3747447.75   261335.80349
444089.29    3747432.78   259227.93615
         444084.01    3747410.78   247436.11141
444079.61    3747394.05   236366.47104
         444066.41    3747371.17   238887.54309
444065.53    3747356.20   219324.98268
         444057.61    3747328.92   199913.08312
444048.80    3747309.55   193599.78748
         444041.76    3747289.31   181330.25021
444039.12    3747269.94   162054.03610
         444032.08    3747252.34   154739.81362
444026.80    3747232.09   140090.50752

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: AREA3 ***
INCLUDING SOURCE(S):

PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
444024.16	3747211.85	118688.48636	444012.71	3747194.24	110088.98555
444009.19	3747178.40	88963.63677	444000.39	3747159.03	66669.14577
443990.71	3747139.67	50253.47684	443987.19	3747122.06	40366.85915
443544.98	3747753.94	14190.27186	443566.91	3747739.32	15403.30884
443582.75	3747705.21	16613.90834	443608.33	3747662.57	18181.46536
443585.18	3747683.28	16827.88410	443664.38	3747610.18	22936.52260
444061.69	3748396.73	4359.60121	443702.16	3748778.14	1900.05980
443720.87	3748761.68	1947.85099	443735.08	3748748.96	1988.46152
443761.27	3748751.20	2008.63555	443781.48	3748750.46	2030.92141
443799.43	3748733.25	2094.03092	443816.64	3748742.22	2090.74933
443859.29	3748707.06	2242.06483	443854.80	3748660.67	2377.01221
443872.01	3748652.43	2432.93585	443881.74	3748635.22	2511.75827
443889.22	3748615.02	2603.29529	443912.42	3748586.59	2770.76046
443949.73	3748543.05	3066.08952	443955.98	3748523.52	3185.65446
443964.58	3748509.45	3287.20855	443975.51	3748496.56	3391.74196
444002.47	3748489.92	3486.21429	443993.02	3748508.17	3350.42252
443984.29	3748521.95	3251.82712	443976.48	3748538.50	3141.24572
443964.53	3748550.91	3051.66397	443950.29	3748565.15	2951.23707

```
         443942.47    3748583.07     2848.14504
444015.08    3748474.62     3616.45580
         444023.81    3748461.29     3731.18518
444033.00    3748446.13     3866.88943
         444049.55    3748429.58     4027.63092
444052.31    3748411.20     4202.14608
         443186.88    3748634.70     2147.99893
443201.94    3748608.36     2228.18881
         443224.52    3748583.89     2325.68208
443237.69    3748551.90     2424.61296
         443250.87    3748525.56     2518.38329
443267.80    3748491.68     2675.93482
         443290.38    3748454.05     2852.90663
443299.79    3748416.41     3040.66179
         443299.79    3748384.42     3194.82416
443301.68    3748352.43     3355.96662
         443305.44    3748320.44     3534.76483
443117.28    3748611.37     2147.82381
         443090.70    3748626.39     2093.36522
443162.35    3748585.94     2255.86267
         443179.69    3748558.20     2358.55588
443190.09    3748530.47     2464.48993
         443205.11    3748494.64     2601.15447
443229.38    3748456.50     2786.27521
         443231.69    3748413.74     2958.25790
443252.50    3748389.47     3093.96095
         443186.62    3748471.53     2657.03628
443141.55    3748525.84     2425.39655
         443138.08    3748498.11     2511.80944
443150.79    3748472.68     2609.55308
         443169.29    3748447.26     2726.85607
443183.15    3748419.52     2851.20251
         443202.80    3748396.41     2973.38289
443224.76    3748373.29     3110.03985
         443238.63    3748345.56     3261.90347
443112.66    3748590.56     2201.97200
         443080.30    3748597.50     2162.77035
443072.21    3748572.07     2225.34525
         443103.41    3748554.74     2290.39408
443093.01    3748532.78     2343.34915
         444066.11    3748315.51     5419.57109
444098.47    3748350.18     4908.30227
         444078.82    3748294.70     5780.01418
444089.22    3748273.90     6184.35766

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: AREA3 ***
INCLUDING SOURCE(S):
PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
444096.16	3748253.10	6645.15616	444111.18	3748321.29	5311.64352
444131.98	3748302.79	5580.50443	444135.45	3748284.30	5904.92425
443313.52	3748260.81	3910.68684	443230.72	3748275.87	3573.75433
443260.83	3748238.23	3868.89359	443274.00	3748215.65	4047.49843
443304.11	3748178.01	4427.35082	443198.73	3748330.44	3242.64249
443155.44	3748373.72	2973.58542	443119.69	3748411.36	2777.20074
443100.87	3748441.47	2641.96378	443093.34	3748477.23	2507.63154
443080.17	3748501.69	2417.22598	443718.12	3747857.82	24594.26735
443737.76	3747882.38	24791.22683	443765.27	3747898.10	26323.25179
443754.46	3747918.73	22249.93635	443696.50	3747826.38	24062.40020
443672.93	3747804.77	22090.57876	443726.96	3747844.07	27101.87748
443710.26	3747771.37	27628.04489	443737.76	3747790.04	31635.72819
443746.61	3747808.70	32909.69939	443762.32	3747821.47	35886.79531
443787.87	3747845.05	40475.17619	443800.64	3747866.66	40641.68003
443806.53	3747929.53	26932.91557	443520.64	3747701.59	13805.37860
443551.64	3747661.73	15353.87045	443591.49	3747635.16	17180.87841
443836.47	3747717.70	82439.03249	443840.73	3747688.60	83500.88959
443841.44	3747663.76	78315.17777	443804.53	3747670.15	61058.31311

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         443787.49    3747657.37    48635.37925
443777.55    3747633.95    43317.16485
         443744.90    3747619.04    34926.12838
443761.94    3747606.26    38933.00316
         443844.28    3747623.30    71366.93480
443847.12    3747599.87    71531.36587
         443852.79    3747578.58    73963.51039
443849.96    3747558.00    70581.13622
         443849.96    3747537.41    69854.69852
443854.92    3747518.25    71710.21955
         443847.12    3747495.53    64841.00565
443853.50    3747478.50    67166.91621
         443850.67    3747457.20    63820.23279
443854.21    3747438.75    64061.28079
         443849.96    3747397.58    58592.77329
443854.21    3747418.16    62150.64818
         443853.50    3747378.41    59215.31173
443843.57    3747336.54    51835.09265
         443836.47    3747315.24    47508.38116
443829.37    3747296.08    43430.89179
         443827.95    3747274.07    41147.38173
443816.59    3747254.20    35999.96401
         443805.95    3747236.45    31765.22796
443803.11    3747219.42    29521.98066
         443838.60    3747186.06    32800.35147
443838.60    3747171.15    30188.39557
         443970.69    3747984.97    34469.91638
443980.63    3747995.62    30064.94906
         443994.83    3748014.08    24787.71750
444006.19    3748026.85    21980.62351
         444016.83    3748040.34    19697.79352
444040.26    3748051.70    18392.00445
         444048.78    3748065.89    16542.25941
444060.13    3748085.77    14548.05520
         444079.30    3748100.68    13486.72228
444088.53    3748117.00    12405.44506
         444101.30    3748132.62    11378.69586
444114.79    3748147.53    10522.60614
         444129.70    3748161.72     9806.77970
444141.76    3748177.34     9097.26177
         444158.09    3748180.89     8903.95242
444169.45    3748204.31     7856.50704
         444190.03    3748217.09     7281.21601
444192.83    3748193.06     8060.29905

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: AREA3 ***
INCLUDING SOURCE(S):
PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
444195.33	3748122.70	11792.77495	444008.68	3747956.49	53373.41588
444019.33	3747969.98	42764.56299	444042.75	3747981.34	36217.13238
444051.27	3747995.53	31070.93492	444062.63	3748015.41	25762.01748
444081.79	3748030.32	22867.05113	444091.02	3748046.64	20143.65368
444103.80	3748062.26	18243.89284	444117.29	3748077.17	16356.99019
444132.19	3748091.36	14858.55202	444144.26	3748106.98	13436.15383
444160.59	3748110.53	13179.24991	444171.94	3748133.95	11314.58346
444192.53	3748146.73	10202.44493	444143.39	3748498.91	3471.72487
444154.04	3748512.39	3371.86378	444177.46	3748523.75	3284.32957
444185.98	3748537.95	3201.67575	444197.34	3748557.82	3084.15170
444216.50	3748572.73	2991.42692	444225.73	3748589.05	2903.67365
444238.51	3748604.67	2820.07383	444251.99	3748619.58	2743.02673
444266.90	3748633.77	2671.35162	444278.97	3748649.39	2599.32925
444295.29	3748652.94	2573.58878	444306.65	3748676.37	2478.02470
444237.65	3748593.44	2873.06848	444061.66	3748440.72	3938.51511
444085.08	3748452.08	3849.84963	444093.60	3748466.28	3734.82988
444104.96	3748486.15	3584.71195	444124.12	3748501.06	3474.36422
444133.35	3748517.39	3363.15436	444146.13	3748533.00	3261.09633

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         444159.61    3748547.91     3166.57155
444174.52    3748562.11     3078.91176
         444186.59    3748577.72     2989.65275
444202.91    3748581.27     2959.63114
         444214.27    3748604.70     2838.66760
444234.86    3748617.47     2765.60439

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: LINE1    ***
                                 INCLUDING SOURCE(S):
L0000001    , L0000002    , L0000003    , L0000004    , L0000005    ,
               L0000006    , L0000007    , L0000008    ,
L0000009    , L0000010    , L0000011    , L0000012    , L0000013    ,
               L0000014    , L0000015    , L0000016    ,
L0000017    , L0000018    , L0000019    , L0000020    , L0000021    ,
               L0000022    , L0000023    , L0000024    ,
L0000025    , L0000026    , L0000027    , L0000028    ,  . . .      ,

                                  *** NETWORK ID: UCART1   ;  NETWORK
TYPE: GRIDCART ***

                                       ** CONC OF DPM      IN
MICROGRAMS/M**3                         **

    Y-COORD  |                                                 X-COORD
(METERS)
    (METERS) |     443543.62    443581.38    443619.14    443656.90
443694.66    443732.42
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  3748168.50 |       0.09937      0.09492      0.09031      0.08751
0.08580      0.08219
  3748138.04 |       0.09424      0.09014      0.08599      0.08313
0.08181      0.07872
  3748107.58 |       0.08886      0.08600      0.08232      0.07943
0.07834      0.07534
  3748077.12 |       0.08341      0.08112      0.07893      0.07628
0.07513      0.07229
  3748046.66 |       0.07866      0.07661      0.07449      0.07289
0.07199      0.06933
  3748016.20 |       0.07477      0.07287      0.07096      0.06920
0.06805      0.06551
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: LINE1 ***
INCLUDING SOURCE(S):
L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF DPM IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)	444172.99	444272.99	444372.99	444472.99	444572.99	444672.99	444772.99	444872.99	444972.99
3748485.77	0.07524	0.06870	0.06349	0.05844	0.05371	0.04936	0.04543	0.04206	0.03897
3748385.77	0.06248	0.05785	0.05419	0.05107	0.04800	0.04514	0.04235	0.03959	0.03688
3748285.77	0.05242	0.04861	0.04597	0.04379	0.04200	0.04026	0.03860	0.03672	0.03479
3748185.77	0.04679	0.04240	0.03952	0.03761	0.03625	0.03515	0.03416	0.03334	0.03219
3748085.77	0.04402	0.03887	0.03573	0.03360	0.03201	0.03087	0.03012	0.02957	0.02899
3747985.77	0.04201	0.03701	0.03347	0.03110	0.02935	0.02799	0.02696	0.02625	0.02574
3747885.77	0.03863	0.03495	0.03207	0.02955	0.02751	0.02616	0.02502	0.02402	0.02326
3747785.77	0.03674	0.03334	0.03061	0.02781	0.02604	0.02474	0.02370	0.02266	0.02173
3747685.77	0.03471	0.03194	0.02926	0.02664	0.02469	0.02346	0.02249	0.02163	0.02075
3747585.77	0.03234	0.03030	0.02834	0.02601	0.02381	0.02241	0.02144	0.02064	0.01991

```
  3747485.77 |       0.03004      0.02878      0.02733      0.02543
0.02335      0.02165      0.02051      0.01967      0.01904
  3747385.77 |       0.02775      0.02716      0.02607      0.02463
0.02312      0.02124      0.01990      0.01891      0.01820
  3747285.77 |       0.02562      0.02541      0.02472      0.02360
0.02225      0.02082      0.01948      0.01839      0.01754
  3747185.77 |       0.02369      0.02372      0.02340      0.02256
0.02149      0.02033      0.01912      0.01802      0.01710
  3747085.77 |       0.02206      0.02204      0.02195      0.02149
0.02067      0.01976      0.01874      0.01774      0.01678

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: LINE1    ***
                                INCLUDING SOURCE(S):
L0000001    , L0000002    , L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    ,
L0000009    , L0000010    , L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    ,
L0000017    , L0000018    , L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    ,
L0000025    , L0000026    , L0000027    , L0000028    ,  . . .      ,

                                    *** NETWORK ID: UCART2   ;  NETWORK
TYPE: GRIDCART ***

                                         ** CONC OF DPM      IN
MICROGRAMS/M**3                           **

    Y-COORD  |                                                 X-COORD
(METERS)
    (METERS) |     445072.99    445172.99    445272.99    445372.99
445472.99    445572.99
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  3748485.77 |       0.03620      0.03394      0.03188      0.03017
0.02856      0.02714
  3748385.77 |       0.03459      0.03245      0.03060      0.02896
0.02752      0.02613
  3748285.77 |       0.03294      0.03112      0.02948      0.02795
0.02656      0.02530
  3748185.77 |       0.03094      0.02963      0.02830      0.02698
0.02572      0.02454
```

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  3748085.77 |       0.02836      0.02764      0.02681      0.02588
0.02486      0.02383
  3747985.77 |       0.02542      0.02509      0.02478      0.02430
0.02365      0.02294
  3747885.77 |       0.02275      0.02253      0.02239      0.02222
0.02194      0.02160
  3747785.77 |       0.02098      0.02054      0.02023      0.02002
0.01993      0.01984
  3747685.77 |       0.01995      0.01926      0.01872      0.01834
0.01813      0.01804
  3747585.77 |       0.01921      0.01847      0.01781      0.01728
0.01686      0.01665
  3747485.77 |       0.01845      0.01786      0.01725      0.01665
0.01611      0.01568
  3747385.77 |       0.01765      0.01719      0.01671      0.01622
0.01566      0.01511
  3747285.77 |       0.01694      0.01649      0.01610      0.01570
0.01526      0.01475
  3747185.77 |       0.01637      0.01584      0.01547      0.01511
0.01474      0.01435
  3747085.77 |       0.01597      0.01534      0.01490      0.01453
0.01420      0.01389

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

PAGE 353
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: LINE1    ***
                                INCLUDING SOURCE(S):
L0000001    , L0000002    , L0000003    , L0000004    , L0000005    ,
               L0000006    , L0000007    , L0000008    ,
L0000009    , L0000010    , L0000011    , L0000012    , L0000013    ,
               L0000014    , L0000015    , L0000016    ,
L0000017    , L0000018    , L0000019    , L0000020    , L0000021    ,
               L0000022    , L0000023    , L0000024    ,
L0000025    , L0000026    , L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                        ** CONC OF DPM      IN
MICROGRAMS/M**3                          **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)         CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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         443047.86    3748855.70        1.16706
443030.11    3748868.74        0.99029
         443016.91    3748884.58        0.88024
442999.31    3748898.66        0.76221
         442983.47    3748918.02        0.67038
442962.35    3748934.74        0.57481
         442947.39    3748948.82        0.51727
442935.07    3748963.78        0.47339
         442916.59    3748985.78        0.41469
442898.98    3749001.62        0.36979
         442881.38    3749017.46        0.33228
442868.18    3749033.31        0.30498
         442854.10    3749046.51        0.28105
442832.98    3749062.35        0.25129
         442816.26    3749081.71        0.22807
442801.30    3749094.91        0.21126
         442780.18    3749111.63        0.19090
442764.34    3749127.47        0.17669
         442750.26    3749130.11        0.16864
442722.10    3749138.03        0.15355
         442705.38    3749146.83        0.14457
442678.10    3749144.19        0.13481
         442659.62    3749147.71        0.12784
442638.49    3749145.07        0.12161
         442662.26    3749101.07        0.13666
442694.82    3749095.79        0.15076
         442709.78    3749094.03        0.15790
442730.02    3749086.99        0.16957
         442752.02    3749068.51        0.18672
442796.90    3749035.95        0.22883
         442817.14    3749007.78        0.25664
442845.30    3748987.54        0.29572
         442865.54    3748973.46        0.32894
442840.90    3748956.74        0.29743
         442888.42    3748944.42        0.37644
442871.70    3748932.10        0.34792
         442872.58    3748910.98        0.35178
442880.50    3748896.90        0.36682
         442906.02    3748895.14        0.42037
442925.39    3748905.70        0.46767
         442928.03    3748871.38        0.47456
442942.99    3748881.94        0.52148
         442959.71    3748871.38        0.58004
442923.63    3748842.34        0.45462
         442937.71    3748821.22        0.48229
442971.15    3748822.98        0.60302
         442986.11    3748841.46        0.68802
442985.23    3748812.42        0.65520
         443001.95    3748822.10        0.75575
443063.55    3748836.18        1.36712
         443064.43    3748815.06        1.34855
443051.23    3748791.30        1.11035
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         443003.71    3748799.22        0.73147
442974.67    3748795.70        0.58480
         443038.91    3748779.86        0.94633
443027.47    3748759.61        0.78572
         443023.95    3748743.77        0.71380
443008.99    3748724.41        0.58681
         443008.99    3748702.41        0.53777
443097.87    3748795.70        1.95322
         443090.83    3748778.98        1.64624
443071.47    3748764.01        1.22125
         443064.43    3748742.01        1.01173
443051.23    3748723.53        0.82158
         443042.43    3748707.69        0.70747
443042.43    3748691.85        0.65272
         443141.87    3748742.01        2.29450
443121.63    3748726.17        1.53496
         443107.55    3748705.05        1.11935
443088.19    3748676.01        0.78875
         443145.39    3748708.57        1.53184
443176.19    3748679.53        1.23576
         443103.15    3748670.73        0.82510
443230.76    3748790.42       18.60532
         443242.20    3748767.54        6.59912
443255.40    3748742.89        3.31496
         443265.08    3748712.97        1.91868
443278.28    3748687.45        1.34529
         443297.64    3748659.29        0.95696
443306.44    3748793.94        5.89623

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

PAGE 354
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: LINE1    ***
                                  INCLUDING SOURCE(S):
L0000001    , L0000002    , L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    ,
L0000009    , L0000010    , L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    ,
L0000017    , L0000018    , L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    ,
L0000025    , L0000026    , L0000027    , L0000028    ,  . . .      ,

                                                 *** DISCRETE CARTESIAN
RECEPTOR POINTS ***
```

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
443339.88	3748786.02	3.56274	443371.56	3748768.42	2.13893
443392.68	3748756.97	1.62568	443418.20	3748739.37	1.17862
443444.60	3748724.41	0.91862	443471.89	3748711.21	0.73086
443496.53	3748694.49	0.59044	443525.57	3748681.29	0.49316
443548.45	3748668.09	0.42023	443583.65	3748651.37	0.34539
443383.00	3748960.26	5.96445	443380.36	3748936.50	5.89136
443370.68	3748910.10	6.18113	443386.52	3748896.02	4.83508
443423.48	3748874.90	2.97689	443448.13	3748859.94	2.21746
443465.73	3748849.38	1.82300	443497.41	3748829.14	1.30052
443513.25	3748820.34	1.11900	443539.65	3748809.78	0.91433
443559.89	3748803.62	0.80175	443581.89	3748796.58	0.69818
443602.13	3748793.06	0.62524	443624.13	3748791.30	0.56369
443642.61	3748786.90	0.51578	443661.09	3748783.38	0.47409
443683.97	3748786.02	0.43928	443535.25	3748597.69	0.30735
443511.49	3748617.05	0.36228	443491.25	3748637.29	0.42749
443468.37	3748647.85	0.49445	443441.08	3748674.25	0.63096
443414.68	3748689.21	0.78643	443389.16	3748705.93	1.01202
443307.32	3748632.01	0.73870	443322.28	3748600.33	0.57308
443336.36	3748572.17	0.46485	443355.72	3748617.05	0.60380
443377.72	3748583.61	0.47082	443387.40	3748555.45	0.40157
443399.72	3748531.69	0.35276	443409.40	3748510.57	0.31619
443339.88	3748550.17	0.40894	443358.36	3748517.61	0.33399

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         443360.12    3748489.44        0.29734
443372.44    3748464.80        0.27139
         443394.44    3748441.04        0.23966
443497.41    3748439.28        0.21416
         443522.05    3748422.56        0.19356
443541.41    3748404.08        0.17629
         443557.25    3748392.64        0.16445
443580.13    3748376.80        0.15282
         443602.13    3748365.36        0.14348
443623.25    3748346.00        0.13391
         443653.17    3748335.44        0.12619
443671.65    3748321.36        0.11948
         443508.85    3748368.88        0.16704
443479.81    3748380.32        0.18019
         443526.45    3748355.68        0.15704
443548.45    3748339.84        0.14651
         443571.33    3748324.00        0.13798
443590.69    3748310.80        0.13064
         443612.69    3748296.72        0.12227
443636.45    3748282.64        0.11520
         443654.93    3748265.92        0.10826
443672.53    3748246.56        0.10162
         443689.25    3748231.60        0.09609
443706.85    3748215.75        0.09111
         443691.02    3748297.60        0.11046
443707.74    3748282.64        0.10320
         443725.34    3748266.80        0.09571
443741.18    3748257.12        0.09082
         443759.66    3748243.03        0.08760
443773.74    3748221.03        0.08257
         443794.86    3748203.43        0.07863
443813.34    3748185.83        0.07565
         443824.78    3748163.83        0.07271
443842.38    3748150.63        0.07049
         443794.86    3748123.35        0.07120
443808.06    3748106.63        0.06927

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

PAGE 355
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: LINE1    ***
                                  INCLUDING SOURCE(S):
L0000001    , L0000002    , L0000003    , L0000004    , L0000005    ,
               L0000006    , L0000007    , L0000008    ,
L0000009    , L0000010    , L0000011    , L0000012    , L0000013    ,
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                L0000014    , L0000015    , L0000016    ,
L0000017    , L0000018    , L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    ,
L0000025    , L0000026    , L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                        ** CONC OF DPM      IN
MICROGRAMS/M**3                          **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443773.74    3748145.35        0.07490
443762.30    3748169.11        0.07859
         443749.10    3748183.19        0.08163
443724.46    3748197.27        0.08641
         443669.01    3748506.17        0.16757
443691.02    3748531.69        0.16827
         443709.50    3748544.89        0.16773
443731.50    3748574.81        0.17863
         443760.54    3748588.01        0.17756
443782.54    3748564.25        0.15708
         443807.18    3748539.61        0.14048
443826.54    3748515.85        0.12810
         443852.94    3748491.21        0.11605
443863.50    3748470.09        0.10896
         443881.98    3748439.28        0.09933
443881.10    3748410.24        0.09414
         443899.59    3748423.44        0.09391
443891.66    3748384.72        0.08859
         443911.07    3748370.97        0.08415
443929.51    3748345.54        0.07917
         443939.05    3748329.01        0.07629
443954.95    3748309.93        0.07269
         443975.29    3748291.49        0.06867
443932.69    3748260.34        0.07062
         443907.90    3748288.95        0.07634
443892.00    3748306.75        0.07984
         443878.65    3748325.19        0.08332
443864.66    3748341.09        0.08690
         443848.13    3748357.62        0.09170
443829.69    3748376.69        0.09708
         443795.99    3748384.96        0.10430
443774.37    3748402.76        0.11110
         443747.03    3748423.75        0.12136
443723.50    3748442.19        0.13046
         443705.70    3748458.72        0.13769
443678.36    3748482.88        0.15520
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         443730.50    3748499.41        0.14289
443747.03    3748481.61        0.13315
         443773.10    3748465.71        0.12426
443753.39    3748477.79        0.13094
         443778.19    3748500.05        0.13241
443792.17    3748480.97        0.12460
         443816.97    3748455.54        0.11355
443801.08    3748442.82        0.11384
         443815.70    3748424.38        0.10744
443834.14    3748437.73        0.10672
         443855.06    3748084.13        0.06504
443836.57    3748062.13        0.06437
         443812.81    3748041.00        0.06350
443769.68    3747996.11        0.06030
         443828.65    3748013.72        0.06054
443816.33    3747989.95        0.05803
         443813.69    3747954.75        0.05449
443764.40    3747961.79        0.05701
         443730.07    3747945.06        0.05700
443706.31    3747923.06        0.05690
         443688.70    3747902.81        0.05633
443664.94    3747880.81        0.05537
         443646.45    3747852.64        0.05394
443619.17    3747824.48        0.05294
         443604.20    3747805.99        0.05241
443618.29    3747776.95        0.05016
         443639.41    3747752.30        0.04796
443670.22    3747725.02        0.04555
         443702.78    3747688.05        0.04294
443684.30    3747671.33        0.04259
         443719.51    3747704.77        0.04327
443730.07    3747724.14        0.04398
         443752.96    3747739.98        0.04419
443766.16    3747760.22        0.04511
         443789.04    3747782.23        0.04558
443802.25    3747798.07        0.04615
         443819.85    3747817.44        0.04714
443838.33    3747832.40        0.04773
         443855.06    3747848.24        0.04829
443868.26    3747867.61        0.04896
         443885.86    3747890.49        0.04954
443905.23    3747909.86        0.05010
         443919.31    3747930.10        0.05155
443942.20    3747945.94        0.05380

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: LINE1 ***
INCLUDING SOURCE(S):
L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 ,
L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 ,
L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 ,
L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
443955.40	3747961.79	0.05356	443984.44	3747930.10	0.05010
443991.49	3747911.62	0.04869	443994.13	3747889.61	0.04774
444004.69	3747868.49	0.04543	444006.45	3747849.12	0.04448
444014.37	3747831.52	0.04342	444017.01	3747807.75	0.04266
444024.93	3747790.15	0.04191	444036.38	3747768.15	0.04092
444047.82	3747747.90	0.03998	444058.38	3747728.54	0.03899
444071.58	3747710.05	0.03797	444086.55	3747695.97	0.03707
444102.39	3747681.89	0.03619	444114.71	3747666.93	0.03551
444132.32	3747655.48	0.03480	444112.95	3747621.16	0.03418
443727.52	3747635.24	0.04043	443741.61	3747647.56	0.04062
443754.81	3747668.68	0.04097	443769.77	3747684.53	0.04104
443780.34	3747695.09	0.04163	443797.06	3747714.46	0.04244
443809.38	3747727.66	0.04307	443823.47	3747745.26	0.04403
443846.35	3747775.19	0.04498	443860.44	3747786.63	0.04517
443868.36	3747769.91	0.04426	443879.80	3747749.66	0.04304

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         443887.72    3747723.26        0.04147
443892.12    3747702.13        0.04014
         443895.64    3747682.77        0.03867
443893.00    3747660.76        0.03768
         443893.88    3747640.52        0.03695
443897.41    3747621.15        0.03625
         443900.05    3747604.43        0.03567
443899.17    3747585.94        0.03510
         443901.81    3747563.94        0.03445
443901.81    3747546.33        0.03400
         443904.45    3747526.97        0.03353
443903.57    3747507.60        0.03307
         443901.81    3747487.36        0.03258
443905.33    3747466.23        0.03202
         443904.45    3747445.99        0.03124
443903.57    3747429.26        0.03078
         443904.45    3747407.26        0.03028
443903.57    3747388.77        0.02991
         443900.93    3747365.01        0.02949
443894.76    3747341.24        0.02916
         443891.24    3747320.99        0.02885
443886.84    3747302.51        0.02860
         443883.32    3747278.74        0.02824
443882.44    3747257.62        0.02790
         443875.40    3747240.89        0.02774
443862.20    3747223.29        0.02761
         443848.99    3747203.92        0.02740
443875.40    3747192.48        0.02697
         443893.88    3747174.00        0.02648
443900.93    3747150.23        0.02608
         443879.80    3747124.70        0.02587
443859.56    3747118.54        0.02586
         443821.71    3747120.30        0.02597
444137.71    3747581.54        0.03278
         444132.43    3747563.06        0.03232
444122.74    3747541.93        0.03195
         444115.70    3747514.64        0.03142
444104.26    3747490.88        0.03101
         444093.70    3747447.75        0.02993
444089.29    3747432.78        0.02954
         444084.01    3747410.78        0.02889
444079.61    3747394.05        0.02836
         444066.41    3747371.17        0.02768
444065.53    3747356.20        0.02731
         444057.61    3747328.92        0.02679
444048.80    3747309.55        0.02651
         444041.76    3747289.31        0.02623
444039.12    3747269.94        0.02593
         444032.08    3747252.34        0.02572
444026.80    3747232.09        0.02544
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: LINE1 ***
INCLUDING SOURCE(S):
L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 ,
L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 ,
L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 ,
L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
444024.16	3747211.85	0.02512	444012.71	3747194.24	0.02500
444009.19	3747178.40	0.02482	444000.39	3747159.03	0.02470
443990.71	3747139.67	0.02465	443987.19	3747122.06	0.02451
443544.98	3747753.94	0.04822	443566.91	3747739.32	0.04744
443582.75	3747705.21	0.04544	443608.33	3747662.57	0.04288
443585.18	3747683.28	0.04408	443664.38	3747610.18	0.04028
444061.69	3748396.73	0.07097	443702.16	3748778.14	0.40239
443720.87	3748761.68	0.35706	443735.08	3748748.96	0.32612
443761.27	3748751.20	0.30130	443781.48	3748750.46	0.28286
443799.43	3748733.25	0.25494	443816.64	3748742.22	0.25031
443859.29	3748707.06	0.20408	443854.80	3748660.67	0.18220

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         443872.01    3748652.43        0.17183
443881.74    3748635.22        0.16080
         443889.22    3748615.02        0.15017
443912.42    3748586.59        0.13340
         443949.73    3748543.05        0.11218
443955.98    3748523.52        0.10667
         443964.58    3748509.45        0.10218
443975.51    3748496.56        0.09781
         444002.47    3748489.92        0.09292
443993.02    3748508.17        0.09776
         443984.29    3748521.95        0.10171
443976.48    3748538.50        0.10677
         443964.53    3748550.91        0.11179
443950.29    3748565.15        0.11814
         443942.47    3748583.07        0.12511
444015.08    3748474.62        0.08830
         444023.81    3748461.29        0.08480
444033.00    3748446.13        0.08113
         444049.55    3748429.58        0.07698
444052.31    3748411.20        0.07421
         443186.88    3748634.70        0.77011
443201.94    3748608.36        0.62454
         443224.52    3748583.89        0.51889
443237.69    3748551.90        0.43187
         443250.87    3748525.56        0.37405
443267.80    3748491.68        0.30576
         443290.38    3748454.05        0.25741
443299.79    3748416.41        0.21718
         443299.79    3748384.42        0.19222
443301.68    3748352.43        0.17355
         443305.44    3748320.44        0.15716
443117.28    3748611.37        0.56272
         443090.70    3748626.39        0.57125
443162.35    3748585.94        0.51343
         443179.69    3748558.20        0.43054
443190.09    3748530.47        0.36357
         443205.11    3748494.64        0.30091
443229.38    3748456.50        0.24483
         443231.69    3748413.74        0.20609
443252.50    3748389.47        0.19125
         443186.62    3748471.53        0.26804
443141.55    3748525.84        0.34821
         443138.08    3748498.11        0.29875
443150.79    3748472.68        0.26521
         443169.29    3748447.26        0.23489
443183.15    3748419.52        0.20874
         443202.80    3748396.41        0.19253
443224.76    3748373.29        0.17909
         443238.63    3748345.56        0.16427
443112.66    3748590.56        0.48136
         443080.30    3748597.50        0.45841
443072.21    3748572.07        0.39003
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         443103.41    3748554.74        0.38558
443093.01    3748532.78        0.33683
         444066.11    3748315.51        0.06180
444098.47    3748350.18        0.06223
         444078.82    3748294.70        0.05912
444089.22    3748273.90        0.05692

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

PAGE 358
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: LINE1    ***
                                INCLUDING SOURCE(S):
L0000001    , L0000002    , L0000003    , L0000004    , L0000005    ,
               L0000006    , L0000007    , L0000008    ,
L0000009    , L0000010    , L0000011    , L0000012    , L0000013    ,
               L0000014    , L0000015    , L0000016    ,
L0000017    , L0000018    , L0000019    , L0000020    , L0000021    ,
               L0000022    , L0000023    , L0000024    ,
L0000025    , L0000026    , L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                        ** CONC OF DPM      IN
MICROGRAMS/M**3                          **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         444096.16    3748253.10        0.05520
444111.18    3748321.29        0.05873
         444131.98    3748302.79        0.05603
444135.45    3748284.30        0.05437
         443313.52    3748260.81        0.13179
443230.72    3748275.87        0.13198
         443260.83    3748238.23        0.12101
443274.00    3748215.65        0.11482
         443304.11    3748178.01        0.10388
443198.73    3748330.44        0.15130
         443155.44    3748373.72        0.17341
443119.69    3748411.36        0.19855
         443100.87    3748441.47        0.22643
443093.34    3748477.23        0.26622
         443080.17    3748501.69        0.28567
443718.12    3747857.82        0.05241
```

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         443737.76    3747882.38        0.05295
443765.27    3747898.10        0.05241
         443754.46    3747918.73        0.05400
443696.50    3747826.38        0.05150
         443672.93    3747804.77        0.05074
443726.96    3747844.07        0.05132
         443710.26    3747771.37        0.04735
443737.76    3747790.04        0.04729
         443746.61    3747808.70        0.04820
443762.32    3747821.47        0.04847
         443787.87    3747845.05        0.04894
443800.64    3747866.66        0.04985
         443806.53    3747929.53        0.05291
443520.64    3747701.59        0.04466
         443551.64    3747661.73        0.04268
443591.49    3747635.16        0.04132
         443836.47    3747717.70        0.04296
443840.73    3747688.60        0.04154
         443841.44    3747663.76        0.03993
443804.53    3747670.15        0.04188
         443787.49    3747657.37        0.04055
443777.55    3747633.95        0.03942
         443744.90    3747619.04        0.03957
443761.94    3747606.26        0.03884
         443844.28    3747623.30        0.03741
443847.12    3747599.87        0.03651
         443852.79    3747578.58        0.03572
443849.96    3747558.00        0.03513
         443849.96    3747537.41        0.03463
443854.92    3747518.25        0.03402
         443847.12    3747495.53        0.03352
443853.50    3747478.50        0.03297
         443850.67    3747457.20        0.03250
443854.21    3747438.75        0.03197
         443849.96    3747397.58        0.03112
443854.21    3747418.16        0.03148
         443853.50    3747378.41        0.03068
443843.57    3747336.54        0.02998
         443836.47    3747315.24        0.02965
443829.37    3747296.08        0.02934
         443827.95    3747274.07        0.02891
443816.59    3747254.20        0.02860
         443805.95    3747236.45        0.02829
443803.11    3747219.42        0.02794
         443838.60    3747186.06        0.02714
443838.60    3747171.15        0.02687
         443970.69    3747984.97        0.05277
443980.63    3747995.62        0.05218
         443994.83    3748014.08        0.05168
444006.19    3748026.85        0.05114
         444016.83    3748040.34        0.05083
444040.26    3748051.70        0.04980
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         444048.78    3748065.89        0.04960
444060.13    3748085.77        0.04957
         444079.30    3748100.68        0.04913
444088.53    3748117.00        0.04936
         444101.30    3748132.62        0.04938
444114.79    3748147.53        0.04913
         444129.70    3748161.72        0.04886
444141.76    3748177.34        0.04868
         444158.09    3748180.89        0.04781
444169.45    3748204.31        0.04778
         444190.03    3748217.09        0.04693
444192.83    3748193.06        0.04567

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PAGE 359
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: LINE1    ***
                                INCLUDING SOURCE(S):
L0000001    , L0000002    , L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    ,
L0000009    , L0000010    , L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    ,
L0000017    , L0000018    , L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    ,
L0000025    , L0000026    , L0000027    , L0000028    ,  . . .      ,

                                             *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                           ** CONC OF DPM      IN
MICROGRAMS/M**3                             **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         444195.33    3748122.70        0.04337
444008.68    3747956.49        0.04857
         444019.33    3747969.98        0.04825
444042.75    3747981.34        0.04686
         444051.27    3747995.53        0.04703
444062.63    3748015.41        0.04727
         444081.79    3748030.32        0.04684
444091.02    3748046.64        0.04697
         444103.80    3748062.26        0.04704
444117.29    3748077.17        0.04683
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         444132.19    3748091.36        0.04649
444144.26    3748106.98        0.04627
         444160.59    3748110.53        0.04551
444171.94    3748133.95        0.04535
         444192.53    3748146.73        0.04414
444143.39    3748498.91        0.07958
         444154.04    3748512.39        0.08069
444177.46    3748523.75        0.08057
         444185.98    3748537.95        0.08212
444197.34    3748557.82        0.08404
         444216.50    3748572.73        0.08440
444225.73    3748589.05        0.08591
         444238.51    3748604.67        0.08684
444251.99    3748619.58        0.08745
         444266.90    3748633.77        0.08767
444278.97    3748649.39        0.08826
         444295.29    3748652.94        0.08682
444306.65    3748676.37        0.08825
         444237.65    3748593.44        0.08536
444061.66    3748440.72        0.07739
         444085.08    3748452.08        0.07700
444093.60    3748466.28        0.07877
         444104.96    3748486.15        0.08098
444124.12    3748501.06        0.08185
         444133.35    3748517.39        0.08374
444146.13    3748533.00        0.08491
         444159.61    3748547.91        0.08601
444174.52    3748562.11        0.08692
         444186.59    3748577.72        0.08808
444202.91    3748581.27        0.08702
         444214.27    3748604.70        0.08947
444234.86    3748617.47        0.08904

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

PAGE 360
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: LINE2    ***
                                  INCLUDING SOURCE(S):
L0000077    , L0000078    , L0000079    , L0000080    , L0000081    ,
                L0000082    , L0000083    , L0000084    ,
L0000085    , L0000086    , L0000087    , L0000088    , L0000089    ,
                L0000090    , L0000091    , L0000092    ,
L0000093    , L0000094    , L0000095    , L0000096    , L0000097    ,
                L0000098    , L0000099    , L0000100    ,
L0000101    , L0000102    , L0000103    , L0000104    ,  . . .      ,
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Y-COORD (METERS)	X-COORD (METERS)					
	443543.62	443581.38	443619.14	443656.90	443694.66	443732.42
3748168.50	0.23252	0.26851	0.31357	0.37265	0.45466	0.57593
3748138.04	0.25588	0.29950	0.35541	0.43068	0.53911	0.71038
3748107.58	0.28422	0.33721	0.40813	0.50715	0.65526	0.91330
3748077.12	0.31914	0.38525	0.47585	0.61043	0.82192	1.24369
3748046.66	0.36211	0.44715	0.56902	0.75771	1.07871	1.85184
3748016.20	0.41552	0.52827	0.69873	0.98771	1.56020	3.41537

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: LINE2 ***
INCLUDING SOURCE(S):
L0000077 , L0000078 , L0000079 , L0000080 , L0000081 ,
L0000082 , L0000083 , L0000084 ,
L0000085 , L0000086 , L0000087 , L0000088 , L0000089 ,
L0000090 , L0000091 , L0000092 ,
L0000093 , L0000094 , L0000095 , L0000096 , L0000097 ,
L0000098 , L0000099 , L0000100 ,
L0000101 , L0000102 , L0000103 , L0000104 , . . . ,

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    Y-COORD  |                                                    X-COORD
(METERS)
    (METERS) |     444172.99    444272.99    444372.99    444472.99
444572.99    444672.99    444772.99    444872.99    444972.99
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  3748485.77 |       5.06212      2.14399      0.83445      0.48158
0.32045      0.23094      0.17660      0.14200      0.11790
  3748385.77 |       2.70863      0.93435      0.53232      0.35952
0.26123      0.20011      0.15894      0.13002      0.10910
  3748285.77 |       0.98862      0.56263      0.38356      0.28349
0.22057      0.17608      0.14436      0.12005      0.10194
  3748185.77 |       0.60565      0.40770      0.30168      0.23633
0.19159      0.15744      0.13147      0.11188      0.09567
  3748085.77 |       0.46067      0.33691      0.26059      0.20921
0.17218      0.14362      0.12165      0.10434      0.08995
  3747985.77 |       0.41060      0.30811      0.23882      0.19035
0.15688      0.13180      0.11205      0.09680      0.08421
  3747885.77 |       0.39920      0.28693      0.22063      0.17503
0.14200      0.11994      0.10281      0.08912      0.07823
  3747785.77 |       0.34689      0.24961      0.19359      0.15321
0.12656      0.10760      0.09314      0.08129      0.07199
  3747685.77 |       0.26299      0.19937      0.15950      0.13013
0.10917      0.09476      0.08299      0.07335      0.06553
  3747585.77 |       0.18696      0.15077      0.12793      0.10883
0.09311      0.08247      0.07370      0.06575      0.05923
  3747485.77 |       0.13369      0.11434      0.10152      0.08976
0.07937      0.07116      0.06475      0.05868      0.05351
  3747385.77 |       0.10003      0.08976      0.08131      0.07400
0.06818      0.06178      0.05705      0.05252      0.04839
  3747285.77 |       0.07905      0.07290      0.06724      0.06193
0.05743      0.05363      0.05026      0.04709      0.04381
  3747185.77 |       0.06532      0.06178      0.05771      0.05309
0.04949      0.04684      0.04438      0.04210      0.03975
  3747085.77 |       0.05535      0.05310      0.05019      0.04684
0.04363      0.04146      0.03956      0.03783      0.03597

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

PAGE 362
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: LINE2    ***
                                INCLUDING SOURCE(S):
L0000077    , L0000078    , L0000079    , L0000080    , L0000081    ,
                L0000082    , L0000083    , L0000084    ,
L0000085    , L0000086    , L0000087    , L0000088    , L0000089    ,
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                L0000090    , L0000091    , L0000092    ,
L0000093    , L0000094    , L0000095    , L0000096    , L0000097    ,
                L0000098    , L0000099    , L0000100    ,
L0000101    , L0000102    , L0000103    , L0000104    ,  . . .      ,

                                    *** NETWORK ID: UCART2   ;  NETWORK
TYPE: GRIDCART ***

                                         ** CONC OF DPM      IN
MICROGRAMS/M**3                           **

    Y-COORD  |                                                  X-COORD
(METERS)
    (METERS) |     445072.99    445172.99    445272.99    445372.99
445472.99    445572.99
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  3748485.77 |       0.10022      0.08706      0.07651      0.06798
0.06088      0.05492
  3748385.77 |       0.09406      0.08225      0.07301      0.06545
0.05909      0.05365
  3748285.77 |       0.08842      0.07778      0.06932      0.06240
0.05666      0.05178
  3748185.77 |       0.08323      0.07356      0.06580      0.05937
0.05401      0.04953
  3748085.77 |       0.07846      0.06946      0.06231      0.05644
0.05147      0.04727
  3747985.77 |       0.07395      0.06553      0.05897      0.05352
0.04895      0.04509
  3747885.77 |       0.06914      0.06184      0.05570      0.05065
0.04643      0.04293
  3747785.77 |       0.06433      0.05800      0.05243      0.04772
0.04391      0.04072
  3747685.77 |       0.05928      0.05385      0.04904      0.04490
0.04140      0.03849
  3747585.77 |       0.05412      0.04952      0.04555      0.04205
0.03892      0.03635
  3747485.77 |       0.04918      0.04553      0.04224      0.03924
0.03655      0.03417
  3747385.77 |       0.04480      0.04186      0.03918      0.03673
0.03436      0.03215
  3747285.77 |       0.04098      0.03856      0.03638      0.03428
0.03228      0.03037
  3747185.77 |       0.03743      0.03544      0.03379      0.03204
0.03032      0.02867
  3747085.77 |       0.03416      0.03255      0.03124      0.02991
0.02848      0.02711

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: LINE2 ***
INCLUDING SOURCE(S):
L0000077 , L0000078 , L0000079 , L0000080 , L0000081 , L0000082 , L0000083 , L0000084 ,
L0000085 , L0000086 , L0000087 , L0000088 , L0000089 , L0000090 , L0000091 , L0000092 ,
L0000093 , L0000094 , L0000095 , L0000096 , L0000097 , L0000098 , L0000099 , L0000100 ,
L0000101 , L0000102 , L0000103 , L0000104 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
443047.86	3748855.70	0.03895	443030.11	3748868.74	0.03798
443016.91	3748884.58	0.03706	442999.31	3748898.66	0.03613
442983.47	3748918.02	0.03512	442962.35	3748934.74	0.03412
442947.39	3748948.82	0.03340	442935.07	3748963.78	0.03274
442916.59	3748985.78	0.03171	442898.98	3749001.62	0.03093
442881.38	3749017.46	0.03026	442868.18	3749033.31	0.02966
442854.10	3749046.51	0.02915	442832.98	3749062.35	0.02848
442816.26	3749081.71	0.02783	442801.30	3749094.91	0.02734
442780.18	3749111.63	0.02669	442764.34	3749127.47	0.02619
442750.26	3749130.11	0.02597	442722.10	3749138.03	0.02549
442705.38	3749146.83	0.02511	442678.10	3749144.19	0.02478
442659.62	3749147.71	0.02448	442638.49	3749145.07	0.02423

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         442662.26    3749101.07        0.02523
442694.82    3749095.79        0.02579
         442709.78    3749094.03        0.02604
442730.02    3749086.99        0.02647
         442752.02    3749068.51        0.02715
442796.90    3749035.95        0.02854
         442817.14    3749007.78        0.02949
442845.30    3748987.54        0.03044
         442865.54    3748973.46        0.03113
442840.90    3748956.74        0.03105
         442888.42    3748944.42        0.03234
442871.70    3748932.10        0.03230
         442872.58    3748910.98        0.03282
442880.50    3748896.90        0.03335
         442906.02    3748895.14        0.03399
442925.39    3748905.70        0.03421
         442928.03    3748871.38        0.03520
442942.99    3748881.94        0.03529
         442959.71    3748871.38        0.03602
442923.63    3748842.34        0.03590
         442937.71    3748821.22        0.03692
442971.15    3748822.98        0.03781
         442986.11    3748841.46        0.03763
442985.23    3748812.42        0.03857
         443001.95    3748822.10        0.03878
443063.55    3748836.18        0.04016
         443064.43    3748815.06        0.04095
443051.23    3748791.30        0.04124
         443003.71    3748799.22        0.03961
442974.67    3748795.70        0.03881
         443038.91    3748779.86        0.04126
443027.47    3748759.61        0.04165
         443023.95    3748743.77        0.04207
443008.99    3748724.41        0.04223
         443008.99    3748702.41        0.04294
443097.87    3748795.70        0.04273
         443090.83    3748778.98        0.04303
443071.47    3748764.01        0.04280
         443064.43    3748742.01        0.04326
443051.23    3748723.53        0.04336
         443042.43    3748707.69        0.04365
443042.43    3748691.85        0.04419
         443141.87    3748742.01        0.04659
443121.63    3748726.17        0.04631
         443107.55    3748705.05        0.04645
443088.19    3748676.01        0.04662
         443145.39    3748708.57        0.04817
443176.19    3748679.53        0.05108
         443103.15    3748670.73        0.04755
443230.76    3748790.42        0.04933
         443242.20    3748767.54        0.05107
443255.40    3748742.89        0.05299
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         443265.08    3748712.97        0.05509
443278.28    3748687.45        0.05722
         443297.64    3748659.29        0.06029
443306.44    3748793.94        0.05284

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

PAGE 364
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: LINE2    ***
                                INCLUDING SOURCE(S):
L0000077    , L0000078    , L0000079    , L0000080    , L0000081    ,
                L0000082    , L0000083    , L0000084    ,
L0000085    , L0000086    , L0000087    , L0000088    , L0000089    ,
                L0000090    , L0000091    , L0000092    ,
L0000093    , L0000094    , L0000095    , L0000096    , L0000097    ,
                L0000098    , L0000099    , L0000100    ,
L0000101    , L0000102    , L0000103    , L0000104    ,  . . .      ,

                                             *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                          ** CONC OF DPM      IN
MICROGRAMS/M**3                            **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443339.88    3748786.02        0.05536
443371.56    3748768.42        0.05886
         443392.68    3748756.97        0.06126
443418.20    3748739.37        0.06463
         443444.60    3748724.41        0.06799
443471.89    3748711.21        0.07205
         443496.53    3748694.49        0.07635
443525.57    3748681.29        0.08106
         443548.45    3748668.09        0.08582
443583.65    3748651.37        0.09328
         443383.00    3748960.26        0.04935
443380.36    3748936.50        0.05043
         443370.68    3748910.10        0.05127
443386.52    3748896.02        0.05297
         443423.48    3748874.90        0.05666
443448.13    3748859.94        0.05943
         443465.73    3748849.38        0.06153
443497.41    3748829.14        0.06580
```

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         443513.25    3748820.34        0.06803
443539.65    3748809.78        0.07150
         443559.89    3748803.62        0.07415
443581.89    3748796.58        0.07732
         443602.13    3748793.06        0.08023
443624.13    3748791.30        0.08339
         443642.61    3748786.90        0.08641
443661.09    3748783.38        0.08960
         443683.97    3748786.02        0.09310
443535.25    3748597.69        0.09326
         443511.49    3748617.05        0.08701
443491.25    3748637.29        0.08190
         443468.37    3748647.85        0.07778
443441.08    3748674.25        0.07252
         443414.68    3748689.21        0.06850
443389.16    3748705.93        0.06472
         443307.32    3748632.01        0.06289
443322.28    3748600.33        0.06657
         443336.36    3748572.17        0.07031
443355.72    3748617.05        0.06799
         443377.72    3748583.61        0.07286
443387.40    3748555.45        0.07670
         443399.72    3748531.69        0.08038
443409.40    3748510.57        0.08379
         443339.88    3748550.17        0.07252
443358.36    3748517.61        0.07783
         443360.12    3748489.44        0.08068
443372.44    3748464.80        0.08451
         443394.44    3748441.04        0.09104
443497.41    3748439.28        0.10909
         443522.05    3748422.56        0.11899
443541.41    3748404.08        0.12900
         443557.25    3748392.64        0.13736
443580.13    3748376.80        0.14988
         443602.13    3748365.36        0.16263
443623.25    3748346.00        0.18017
         443653.17    3748335.44        0.20126
443671.65    3748321.36        0.22207
         443508.85    3748368.88        0.12895
443479.81    3748380.32        0.11823
         443526.45    3748355.68        0.13799
443548.45    3748339.84        0.15056
         443571.33    3748324.00        0.16529
443590.69    3748310.80        0.18006
         443612.69    3748296.72        0.19979
443636.45    3748282.64        0.22442
         443654.93    3748265.92        0.25278
443672.53    3748246.56        0.28994
         443689.25    3748231.60        0.33041
443706.85    3748215.75        0.38476
         443691.02    3748297.60        0.25717
443707.74    3748282.64        0.29131
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         443725.34    3748266.80        0.33591
443741.18    3748257.12        0.37639
         443759.66    3748243.03        0.44484
443773.74    3748221.03        0.54504
         443794.86    3748203.43        0.71810
443813.34    3748185.83        1.00550
         443824.78    3748163.83        1.51251
443842.38    3748150.63        2.68803
         443794.86    3748123.35        1.68129
443808.06    3748106.63        3.08244

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

PAGE 365
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: LINE2    ***
                                INCLUDING SOURCE(S):
L0000077    , L0000078    , L0000079    , L0000080    , L0000081    ,
               L0000082    , L0000083    , L0000084    ,
L0000085    , L0000086    , L0000087    , L0000088    , L0000089    ,
               L0000090    , L0000091    , L0000092    ,
L0000093    , L0000094    , L0000095    , L0000096    , L0000097    ,
               L0000098    , L0000099    , L0000100    ,
L0000101    , L0000102    , L0000103    , L0000104    ,  . . .      ,

                                          *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                        ** CONC OF DPM      IN
MICROGRAMS/M**3                          **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443773.74    3748145.35        0.97415
443762.30    3748169.11        0.71543
         443749.10    3748183.19        0.58754
443724.46    3748197.27        0.46341
         443669.01    3748506.17        0.14126
443691.02    3748531.69        0.14170
         443709.50    3748544.89        0.14405
443731.50    3748574.81        0.14217
         443760.54    3748588.01        0.14773
443782.54    3748564.25        0.16425
         443807.18    3748539.61        0.18532
443826.54    3748515.85        0.20785
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         443852.94    3748491.21        0.24221
443863.50    3748470.09        0.26879
         443881.98    3748439.28        0.32376
443881.10    3748410.24        0.36454
         443899.59    3748423.44        0.37503
443891.66    3748384.72        0.43548
         443911.07    3748370.97        0.52822
443929.51    3748345.54        0.71749
         443939.05    3748329.01        0.90372
443954.95    3748309.93        1.34686
         443975.29    3748291.49        2.68357
443932.69    3748260.34        2.00544
         443907.90    3748288.95        0.96108
443892.00    3748306.75        0.71213
         443878.65    3748325.19        0.56682
443864.66    3748341.09        0.47230
         443848.13    3748357.62        0.39491
443829.69    3748376.69        0.33284
         443795.99    3748384.96        0.28063
443774.37    3748402.76        0.24472
         443747.03    3748423.75        0.21012
443723.50    3748442.19        0.18720
         443705.70    3748458.72        0.17199
443678.36    3748482.88        0.15160
         443730.50    3748499.41        0.16694
443747.03    3748481.61        0.18177
         443773.10    3748465.71        0.20301
443753.39    3748477.79        0.18654
         443778.19    3748500.05        0.18874
443792.17    3748480.97        0.20589
         443816.97    3748455.54        0.23930
443801.08    3748442.82        0.23592
         443815.70    3748424.38        0.26322
443834.14    3748437.73        0.26917
         443855.06    3748084.13        6.01320
443836.57    3748062.13        5.79532
         443812.81    3748041.00        6.67524
443769.68    3747996.11        6.98573
         443828.65    3748013.72        2.78547
443816.33    3747989.95        2.39973
         443813.69    3747954.75        1.74138
443764.40    3747961.79        3.65084
         443730.07    3747945.06        5.74477
443706.31    3747923.06        6.68435
         443688.70    3747902.81        6.47949
443664.94    3747880.81        7.20237
         443646.45    3747852.64        6.00744
443619.17    3747824.48        6.20254
         443604.20    3747805.99        6.17267
443618.29    3747776.95        3.76424
         443639.41    3747752.30        3.36329
443670.22    3747725.02        2.98399
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         443702.78    3747688.05        4.06299
443684.30    3747671.33        5.08300
         443719.51    3747704.77        3.72080
443730.07    3747724.14        3.08482
         443752.96    3747739.98        3.37538
443766.16    3747760.22        3.03239
         443789.04    3747782.23        3.15003
443802.25    3747798.07        3.07128
         443819.85    3747817.44        3.19504
443838.33    3747832.40        3.61888
         443855.06    3747848.24        3.77117
443868.26    3747867.61        3.23179
         443885.86    3747890.49        2.53092
443905.23    3747909.86        1.75664
         443919.31    3747930.10        1.20510
443942.20    3747945.94        0.95157

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

PAGE 366
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: LINE2    ***
                                 INCLUDING SOURCE(S):
L0000077    , L0000078    , L0000079    , L0000080    , L0000081    ,
               L0000082    , L0000083    , L0000084    ,
L0000085    , L0000086    , L0000087    , L0000088    , L0000089    ,
               L0000090    , L0000091    , L0000092    ,
L0000093    , L0000094    , L0000095    , L0000096    , L0000097    ,
               L0000098    , L0000099    , L0000100    ,
L0000101    , L0000102    , L0000103    , L0000104    ,  . . .      ,

                                        *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                      ** CONC OF DPM      IN
MICROGRAMS/M**3                        **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443955.40    3747961.79        0.87148
443984.44    3747930.10        0.90306
         443991.49    3747911.62        1.00199
443994.13    3747889.61        1.12807
         444004.69    3747868.49        1.09530
444006.45    3747849.12        1.05810
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         444014.37    3747831.52        0.93711
444017.01    3747807.75        0.84804
         444024.93    3747790.15        0.74949
444036.38    3747768.15        0.63974
         444047.82    3747747.90        0.55370
444058.38    3747728.54        0.48451
         444071.58    3747710.05        0.42185
444086.55    3747695.97        0.37297
         444102.39    3747681.89        0.33058
444114.71    3747666.93        0.29847
         444132.32    3747655.48        0.26901
444112.95    3747621.16        0.25090
         443727.52    3747635.24        6.31366
443741.61    3747647.56        5.92585
         443754.81    3747668.68        7.04947
443769.77    3747684.53        6.76168
         443780.34    3747695.09        5.95544
443797.06    3747714.46        5.92756
         443809.38    3747727.66        5.76002
443823.47    3747745.26        5.97293
         443846.35    3747775.19        7.26984
443860.44    3747786.63        6.62934
         443868.36    3747769.91        3.78965
443879.80    3747749.66        2.30912
         443887.72    3747723.26        1.58687
443892.12    3747702.13        1.26552
         443895.64    3747682.77        1.03668
443893.00    3747660.76        0.88406
         443893.88    3747640.52        0.74881
443897.41    3747621.15        0.62783
         443900.05    3747604.43        0.54178
443899.17    3747585.94        0.47008
         443901.81    3747563.94        0.39441
443901.81    3747546.33        0.34870
         443904.45    3747526.97        0.30577
443903.57    3747507.60        0.27209
         443901.81    3747487.36        0.24264
443905.33    3747466.23        0.21521
         443904.45    3747445.99        0.18890
443903.57    3747429.26        0.17221
         443904.45    3747407.26        0.15612
443903.57    3747388.77        0.14457
         443900.93    3747365.01        0.13203
443894.76    3747341.24        0.12141
         443891.24    3747320.99        0.11276
443886.84    3747302.51        0.10563
         443883.32    3747278.74        0.09732
443882.44    3747257.62        0.09077
         443875.40    3747240.89        0.08688
443862.20    3747223.29        0.08306
         443848.99    3747203.92        0.07875
443875.40    3747192.48        0.07639
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         443893.88    3747174.00        0.07313
443900.93    3747150.23        0.06973
         443879.80    3747124.70        0.06557
443859.56    3747118.54        0.06390
         443821.71    3747120.30        0.06400
444137.71    3747581.54        0.20115
         444132.43    3747563.06        0.18970
444122.74    3747541.93        0.18025
         444115.70    3747514.64        0.16693
444104.26    3747490.88        0.15835
         444093.70    3747447.75        0.13946
444089.29    3747432.78        0.13363
         444084.01    3747410.78        0.12467
444079.61    3747394.05        0.11775
         444066.41    3747371.17        0.10957
444065.53    3747356.20        0.10444
         444057.61    3747328.92        0.09841
444048.80    3747309.55        0.09563
         444041.76    3747289.31        0.09252
444039.12    3747269.94        0.08903
         444032.08    3747252.34        0.08653
444026.80    3747232.09        0.08288

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

PAGE 367
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: LINE2    ***
                                 INCLUDING SOURCE(S):
L0000077    , L0000078    , L0000079    , L0000080    , L0000081    ,
               L0000082    , L0000083    , L0000084    ,
L0000085    , L0000086    , L0000087    , L0000088    , L0000089    ,
               L0000090    , L0000091    , L0000092    ,
L0000093    , L0000094    , L0000095    , L0000096    , L0000097    ,
               L0000098    , L0000099    , L0000100    ,
L0000101    , L0000102    , L0000103    , L0000104    ,  . . .      ,

                                          *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                        ** CONC OF DPM      IN
MICROGRAMS/M**3                          **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)         CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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         444024.16    3747211.85        0.07863
444012.71    3747194.24        0.07559
         444009.19    3747178.40        0.07254
444000.39    3747159.03        0.06955
         443990.71    3747139.67        0.06745
443987.19    3747122.06        0.06517
         443544.98    3747753.94        3.07110
443566.91    3747739.32        4.33457
         443582.75    3747705.21        3.08003
443608.33    3747662.57        2.85244
         443585.18    3747683.28        2.24464
443664.38    3747610.18        3.23324
         444061.69    3748396.73        2.05389
443702.16    3748778.14        0.09712
         443720.87    3748761.68        0.10280
443735.08    3748748.96        0.10761
         443761.27    3748751.20        0.11354
443781.48    3748750.46        0.11880
         443799.43    3748733.25        0.12675
443816.64    3748742.22        0.13020
         443859.29    3748707.06        0.15249
443854.80    3748660.67        0.16298
         443872.01    3748652.43        0.17346
443881.74    3748635.22        0.18455
         443889.22    3748615.02        0.19704
443912.42    3748586.59        0.22717
         443949.73    3748543.05        0.29644
443955.98    3748523.52        0.32541
         443964.58    3748509.45        0.35688
443975.51    3748496.56        0.39755
         444002.47    3748489.92        0.47700
443993.02    3748508.17        0.41448
         443984.29    3748521.95        0.37406
443976.48    3748538.50        0.33789
         443964.53    3748550.91        0.30681
443950.29    3748565.15        0.27664
         443942.47    3748583.07        0.25473
444015.08    3748474.62        0.56375
         444023.81    3748461.29        0.65466
444033.00    3748446.13        0.79206
         444049.55    3748429.58        1.09336
444052.31    3748411.20        1.39496
         443186.88    3748634.70        0.05427
443201.94    3748608.36        0.05665
         443224.52    3748583.89        0.05999
443237.69    3748551.90        0.06275
         443250.87    3748525.56        0.06554
443267.80    3748491.68        0.07021
         443290.38    3748454.05        0.07590
443299.79    3748416.41        0.08097
         443299.79    3748384.42        0.08443
443301.68    3748352.43        0.08826
```

```
         443305.44    3748320.44        0.09279
443117.28    3748611.37        0.05086
         443090.70    3748626.39        0.04878
443162.35    3748585.94        0.05503
         443179.69    3748558.20        0.05796
443190.09    3748530.47        0.06066
         443205.11    3748494.64        0.06427
443229.38    3748456.50        0.06973
         443231.69    3748413.74        0.07342
443252.50    3748389.47        0.07791
         443186.62    3748471.53        0.06419
443141.55    3748525.84        0.05723
         443138.08    3748498.11        0.05868
443150.79    3748472.68        0.06119
         443169.29    3748447.26        0.06452
443183.15    3748419.52        0.06781
         443202.80    3748396.41        0.07156
443224.76    3748373.29        0.07598
         443238.63    3748345.56        0.08029
443112.66    3748590.56        0.05167
         443080.30    3748597.50        0.04963
443072.21    3748572.07        0.05043
         443103.41    3748554.74        0.05286
443093.01    3748532.78        0.05336
         444066.11    3748315.51        6.42829
444098.47    3748350.18        6.66903
         444078.82    3748294.70        3.07471
444089.22    3748273.90        1.99058

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: LINE2    ***
                                  INCLUDING SOURCE(S):
L0000077    , L0000078    , L0000079    , L0000080    , L0000081    ,
                L0000082    , L0000083    , L0000084    ,
L0000085    , L0000086    , L0000087    , L0000088    , L0000089    ,
                L0000090    , L0000091    , L0000092    ,
L0000093    , L0000094    , L0000095    , L0000096    , L0000097    ,
                L0000098    , L0000099    , L0000100    ,
L0000101    , L0000102    , L0000103    , L0000104    ,  . . .      ,

                                                *** DISCRETE CARTESIAN
RECEPTOR POINTS ***
```

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
444096.16	3748253.10	1.50103	444111.18	3748321.29	2.70594
444131.98	3748302.79	1.64212	444135.45	3748284.30	1.33474
443313.52	3748260.81	0.10277	443230.72	3748275.87	0.08633
443260.83	3748238.23	0.09587	443274.00	3748215.65	0.10152
443304.11	3748178.01	0.11495	443198.73	3748330.44	0.07674
443155.44	3748373.72	0.06843	443119.69	3748411.36	0.06265
443100.87	3748441.47	0.05916	443093.34	3748477.23	0.05632
443080.17	3748501.69	0.05410	443718.12	3747857.82	2.08775
443737.76	3747882.38	2.09655	443765.27	3747898.10	1.82801
443754.46	3747918.73	2.36988	443696.50	3747826.38	2.03608
443672.93	3747804.77	2.18016	443726.96	3747844.07	1.82355
443710.26	3747771.37	1.87416	443737.76	3747790.04	1.78340
443746.61	3747808.70	1.70570	443762.32	3747821.47	1.69713
443787.87	3747845.05	1.67262	443800.64	3747866.66	1.60164
443806.53	3747929.53	1.59853	443520.64	3747701.59	0.97919
443551.64	3747661.73	1.02389	443591.49	3747635.16	1.34533
443836.47	3747717.70	2.72086	443840.73	3747688.60	1.81875
443841.44	3747663.76	1.42835	443804.53	3747670.15	2.23184
443787.49	3747657.37	2.55890	443777.55	3747633.95	2.13903
443744.90	3747619.04	2.63475	443761.94	3747606.26	1.55645
443844.28	3747623.30	0.92080	443847.12	3747599.87	0.70159
443852.79	3747578.58	0.54752	443849.96	3747558.00	0.45330

```
         443849.96    3747537.41        0.38138
443854.92    3747518.25        0.32414
         443847.12    3747495.53        0.27898
443853.50    3747478.50        0.24680
         443850.67    3747457.20        0.21879
443854.21    3747438.75        0.19607
         443849.96    3747397.58        0.16071
443854.21    3747418.16        0.17577
         443853.50    3747378.41        0.14766
443843.57    3747336.54        0.12447
         443836.47    3747315.24        0.11462
443829.37    3747296.08        0.10639
         443827.95    3747274.07        0.09824
443816.59    3747254.20        0.09225
         443805.95    3747236.45        0.08733
443803.11    3747219.42        0.08289
         443838.60    3747186.06        0.07512
443838.60    3747171.15        0.07238
         443970.69    3747984.97        0.81900
443980.63    3747995.62        0.79341
         443994.83    3748014.08        0.76799
444006.19    3748026.85        0.74942
         444016.83    3748040.34        0.73978
444040.26    3748051.70        0.69010
         444048.78    3748065.89        0.69236
444060.13    3748085.77        0.70401
         444079.30    3748100.68        0.68356
444088.53    3748117.00        0.69918
         444101.30    3748132.62        0.70228
444114.79    3748147.53        0.69891
         444129.70    3748161.72        0.68919
444141.76    3748177.34        0.69140
         444158.09    3748180.89        0.64634
444169.45    3748204.31        0.66279
         444190.03    3748217.09        0.62056
444192.83    3748193.06        0.56103

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***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: LINE2    ***
                                  INCLUDING SOURCE(S):
L0000077    , L0000078    , L0000079    , L0000080    , L0000081    ,
               L0000082    , L0000083    , L0000084    ,
L0000085    , L0000086    , L0000087    , L0000088    , L0000089    ,
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                L0000090    , L0000091    , L0000092    ,
L0000093    , L0000094    , L0000095    , L0000096    , L0000097    ,
                L0000098    , L0000099    , L0000100    ,
L0000101    , L0000102    , L0000103    , L0000104    ,  . . .      ,

                                          *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                        ** CONC OF DPM      IN
MICROGRAMS/M**3                          **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         444195.33    3748122.70        0.45728
444008.68    3747956.49        0.73655
         444019.33    3747969.98        0.68735
444042.75    3747981.34        0.62239
         444051.27    3747995.53        0.60385
444062.63    3748015.41        0.58942
         444081.79    3748030.32        0.56364
444091.02    3748046.64        0.56260
         444103.80    3748062.26        0.55695
444117.29    3748077.17        0.54949
         444132.19    3748091.36        0.53946
444144.26    3748106.98        0.53738
         444160.59    3748110.53        0.51033
444171.94    3748133.95        0.51908
         444192.53    3748146.73        0.48911
444143.39    3748498.91        1.78604
         444154.04    3748512.39        1.77032
444177.46    3748523.75        2.35043
         444185.98    3748537.95        2.19367
444197.34    3748557.82        2.00311
         444216.50    3748572.73        2.34614
444225.73    3748589.05        2.16016
         444238.51    3748604.67        2.18088
444251.99    3748619.58        2.27065
         444266.90    3748633.77        2.49781
444278.97    3748649.39        2.58347
         444295.29    3748652.94        3.88558
444306.65    3748676.37        3.91234
         444237.65    3748593.44        2.62016
444061.66    3748440.72        1.12922
         444085.08    3748452.08        1.35264
444093.60    3748466.28        1.27491
         444104.96    3748486.15        1.17761
444124.12    3748501.06        1.27848
         444133.35    3748517.39        1.20329
444146.13    3748533.00        1.20446
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         444159.61    3748547.91        1.22734
444174.52    3748562.11        1.28830
         444186.59    3748577.72        1.28302
444202.91    3748581.27        1.57796
         444214.27    3748604.70        1.41027
444234.86    3748617.47        1.67838

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
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***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):
PAREA1      , PAREA2      , PAREA3      , L0000001    , L0000002    ,
                L0000003    , L0000004    , L0000005    ,
L0000006    , L0000007    , L0000008    , L0000009    , L0000010    ,
                L0000011    , L0000012    , L0000013    ,
L0000014    , L0000015    , L0000016    , L0000017    , L0000018    ,
                L0000019    , L0000020    , L0000021    ,
L0000022    , L0000023    , L0000024    , L0000025    ,  . . .      ,

                                   *** NETWORK ID: UCART1   ;  NETWORK
TYPE: GRIDCART ***

                                        ** CONC OF DPM      IN
MICROGRAMS/M**3                          **

    Y-COORD  |                                                 X-COORD
(METERS)
    (METERS) |     443543.62    443581.38    443619.14    443656.90
443694.66    443732.42
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  3748168.50 |   50492.01756  53041.37701  56038.13595  61039.60792
68167.87321  74705.73369
  3748138.04 |   46382.22296  48335.17754  50689.56011  54323.69726
59870.80146  64472.68681
  3748107.58 |   42665.29207  44769.60174  46762.38729  49529.70857
54048.63950  57213.46871
  3748077.12 |   39405.28463  41316.58055  43761.09846  46150.86369
49884.16026  52238.10614
  3748046.66 |   36897.82817  38550.63461  40642.92930  43341.97372
46810.23530  48757.35865
  3748016.20 |   35157.43483  36622.68083  38579.48496  40919.06434
43837.80243  45686.81433
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S):
PAREA1 , PAREA2 , PAREA3 , L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , . . . ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF DPM IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)									
	444172.99	444272.99	444372.99	444472.99	444572.99	444672.99	444772.99	444872.99	444972.99	
3748485.77	89690.65421	62135.84822	46584.21974	36531.36708	29821.70231	25128.82758	21713.25980	19210.29006	17183.60691	
3748385.77	88974.69955	58403.08274	43361.93783	34494.57309	28519.53234	24425.54139	21458.48100	19093.22724	17116.17438	
3748285.77	67203.24242	47709.00560	37500.87440	31124.86464	26822.54852	23586.63129	21114.07477	19002.93668	17241.30815	
3748185.77	50920.78880	38987.66886	32494.85076	28360.56767	25371.73671	22943.68130	20854.07446	19154.32558	17486.46017	
3748085.77	45042.38294	37005.07654	31941.82158	28342.00192	25459.09976	23102.03594	21134.40933	19388.65344	17745.78145	
3747985.77	55925.15636	44570.36262	36556.77404	31222.18480	27353.76701	24306.12086	21797.73452	19733.48804	17930.48067	
3747885.77	81437.60567	59338.22307	46447.54017	36989.91421	30332.84038	26086.80244	22854.36925	20189.47191	18048.44523	
3747785.77	116724.55336	78001.54684	57565.65902	42740.13337	33726.48967	27740.74430	23650.24289	20479.17874	18019.72095	
3747685.77	158862.38504	96509.51497	65730.40206	47087.01346	35750.32237	28694.99466	23804.95663	20322.48272	17685.61759	
3747585.77	181854.82230	100974.54797	67868.75210	48215.66042	35716.33324	28372.87119	23386.30965	19722.57645	17038.91520	

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  3747485.77 |  151877.18243  89445.23110  61392.53984  44597.93480
33560.39727  26489.37542  21941.94964  18601.45461  16146.83068
  3747385.77 |  114206.59648  71489.77027  49973.43131  37613.34535
29949.16951  23789.17127  19934.96957  17129.14315  15023.79298
  3747285.77 |   76910.91184  52107.34789  38305.63885  29912.40991
24413.80395  20479.83783  17591.06760  15450.21219  13731.28001
  3747185.77 |   47140.42463  36070.92035  28781.70897  23544.91776
19933.59203  17335.94516  15280.33868  13689.86157  12412.66509
  3747085.77 |   29448.24327  25353.05628  21798.27594  18895.34029
16521.73097  14763.23801  13333.53917  12154.79736  11145.23854

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
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***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):
PAREA1      , PAREA2      , PAREA3      , L0000001    , L0000002    ,
                L0000003    , L0000004    , L0000005    ,
L0000006    , L0000007    , L0000008    , L0000009    , L0000010    ,
                L0000011    , L0000012    , L0000013    ,
L0000014    , L0000015    , L0000016    , L0000017    , L0000018    ,
                L0000019    , L0000020    , L0000021    ,
L0000022    , L0000023    , L0000024    , L0000025    ,  . . .      ,

                                    *** NETWORK ID: UCART2   ;  NETWORK
TYPE: GRIDCART ***

                                         ** CONC OF DPM      IN
MICROGRAMS/M**3                           **

    Y-COORD  |                                                 X-COORD
(METERS)
    (METERS) |     445072.99    445172.99    445272.99    445372.99
445472.99    445572.99
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  3748485.77 |   15519.05573  14238.61238  13125.10927  12220.70072
11400.83065  10683.95383
  3748385.77 |   15650.45709  14355.49633  13289.59686  12366.05359
11571.63230  10825.27504
  3748285.77 |   15787.80883  14518.02612  13447.23128  12497.28861
11647.76720  10900.97309
  3748185.77 |   16027.92891  14743.76821  13622.42660  12627.70178
11745.04404  10961.09021
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  3748085.77 |   16276.34779  14966.69716  13799.59667  12768.73407
11830.54259  10999.72030
  3747985.77 |   16411.06239  15047.76031  13898.44093  12830.50124
11857.49443  11013.87971
  3747885.77 |   16308.40876  14953.83700  13770.57705  12721.97207
11765.60323  10946.03420
  3747785.77 |   16099.16644  14644.84584  13413.49134  12361.79569
11489.71929  10727.77764
  3747685.77 |   15702.66143  14148.24028  12898.10161  11884.27677
11049.94360  10349.25468
  3747585.77 |   15066.70459  13489.09299  12281.84316  11318.87258
10515.92500   9888.22519
  3747485.77 |   14250.00886  12790.47811  11639.62702  10712.86219
9957.80187   9331.45911
  3747385.77 |   13355.61662  12055.61173  11004.54034  10162.83612
9431.34042   8797.98600
  3747285.77 |   12392.77634  11292.01832  10373.39983   9596.89045
8934.93152   8349.33990
  3747185.77 |   11343.59304  10448.40561   9719.32110   9037.88430
8440.96734   7914.82660
  3747085.77 |   10314.81543   9613.08291   9030.49173   8484.57917
7969.55797   7523.06640

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                INCLUDING SOURCE(S):
PAREA1      , PAREA2      , PAREA3      , L0000001    , L0000002    ,
                L0000003    , L0000004    , L0000005    ,
L0000006    , L0000007    , L0000008    , L0000009    , L0000010    ,
                L0000011    , L0000012    , L0000013    ,
L0000014    , L0000015    , L0000016    , L0000017    , L0000018    ,
                L0000019    , L0000020    , L0000021    ,
L0000022    , L0000023    , L0000024    , L0000025    ,  . . .      ,

                                             *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                          ** CONC OF DPM      IN
MICROGRAMS/M**3                            **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)         CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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         443047.86    3748855.70   210014.08070
443030.11    3748868.74   202623.21389
         443016.91    3748884.58   220214.83394
442999.31    3748898.66   211001.17224
         442983.47    3748918.02   220428.62931
442962.35    3748934.74   202223.17072
         442947.39    3748948.82   192720.24447
442935.07    3748963.78   192204.16390
         442916.59    3748985.78   194354.18818
442898.98    3749001.62   177140.87830
         442881.38    3749017.46   155341.18597
442868.18    3749033.31   142110.27940
         442854.10    3749046.51   120139.51378
442832.98    3749062.35    86466.47796
         442816.26    3749081.71    65381.14150
442801.30    3749094.91    51695.67149
         442780.18    3749111.63    39318.50555
442764.34    3749127.47    32709.48992
         442750.26    3749130.11    29688.24892
442722.10    3749138.03    24768.35127
         442705.38    3749146.83    22404.31565
442678.10    3749144.19    20231.18531
         442659.62    3749147.71    18786.33974
442638.49    3749145.07    17606.72089
         442662.26    3749101.07    20772.80669
442694.82    3749095.79    24087.79230
         442709.78    3749094.03    25988.78711
442730.02    3749086.99    29427.45600
         442752.02    3749068.51    34986.75627
442796.90    3749035.95    51003.00193
         442817.14    3749007.78    57950.95713
442845.30    3748987.54    71715.59432
         442865.54    3748973.46    82989.83298
442840.90    3748956.74    60505.47198
         442888.42    3748944.42    86702.82775
442871.70    3748932.10    69370.09396
         442872.58    3748910.98    63309.28376
442880.50    3748896.90    62905.82961
         442906.02    3748895.14    75267.56475
442925.39    3748905.70    93495.41015
         442928.03    3748871.38    76465.19287
442942.99    3748881.94    92305.48466
         442959.71    3748871.38    98152.01715
442923.63    3748842.34    62945.27851
         442937.71    3748821.22    60657.74923
442971.15    3748822.98    74912.30134
         442986.11    3748841.46    95832.85036
442985.23    3748812.42    75852.18924
         443001.95    3748822.10    90383.79973
443063.55    3748836.18   185638.79684
         443064.43    3748815.06   138634.52903
443051.23    3748791.30    99746.62508
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         443003.71    3748799.22    76578.94888
442974.67    3748795.70    63980.55283
         443038.91    3748779.86    83683.52594
443027.47    3748759.61    68011.90615
         443023.95    3748743.77    61456.91207
443008.99    3748724.41    52834.83673
         443008.99    3748702.41    48813.25529
443097.87    3748795.70   144511.39493
         443090.83    3748778.98   112515.13238
443071.47    3748764.01    89736.54978
         443064.43    3748742.01    75080.66314
443051.23    3748723.53    64914.17935
         443042.43    3748707.69    58084.89472
443042.43    3748691.85    54576.06660
         443141.87    3748742.01    92510.78985
443121.63    3748726.17    79823.13138
         443107.55    3748705.05    69229.84086
443088.19    3748676.01    58786.04312
         443145.39    3748708.57    76312.21871
443176.19    3748679.53    72942.27126
         443103.15    3748670.73    59845.37798
443230.76    3748790.42   130900.83919
         443242.20    3748767.54   114850.16777
443255.40    3748742.89   106733.16425
         443265.08    3748712.97   101196.89418
443278.28    3748687.45   103456.33047
         443297.64    3748659.29   115487.79163
443306.44    3748793.94   176753.13031

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

PAGE 374
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):
PAREA1      , PAREA2      , PAREA3      , L0000001    , L0000002    ,
               L0000003    , L0000004    , L0000005    ,
L0000006    , L0000007    , L0000008    , L0000009    , L0000010    ,
               L0000011    , L0000012    , L0000013    ,
L0000014    , L0000015    , L0000016    , L0000017    , L0000018    ,
               L0000019    , L0000020    , L0000021    ,
L0000022    , L0000023    , L0000024    , L0000025    ,  . . .      ,

                                             *** DISCRETE CARTESIAN
RECEPTOR POINTS ***
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** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
443339.88	3748786.02	218858.75538	443371.56	3748768.42	254361.36787
443392.68	3748756.97	283193.22682	443418.20	3748739.37	305320.71429
443444.60	3748724.41	331340.39740	443471.89	3748711.21	352630.30784
443496.53	3748694.49	350022.55836	443525.57	3748681.29	373051.25400
443548.45	3748668.09	358961.02068	443583.65	3748651.37	400462.62082
443383.00	3748960.26	133544.10542	443380.36	3748936.50	162276.46029
443370.68	3748910.10	240588.42701	443386.52	3748896.02	322416.79489
443423.48	3748874.90	363293.08442	443448.13	3748859.94	361476.77611
443465.73	3748849.38	354931.87432	443497.41	3748829.14	347475.62316
443513.25	3748820.34	340578.70892	443539.65	3748809.78	331235.32915
443559.89	3748803.62	323859.61431	443581.89	3748796.58	322122.74227
443602.13	3748793.06	309344.80506	443624.13	3748791.30	291487.85935
443642.61	3748786.90	297983.79073	443661.09	3748783.38	296863.55825
443683.97	3748786.02	260172.03460	443535.25	3748597.69	405541.20390
443511.49	3748617.05	378275.21617	443491.25	3748637.29	353208.32179
443468.37	3748647.85	375089.50548	443441.08	3748674.25	298445.95962
443414.68	3748689.21	265379.73674	443389.16	3748705.93	212271.89857
443307.32	3748632.01	122183.98689	443322.28	3748600.33	127392.05457
443336.36	3748572.17	129775.44634	443355.72	3748617.05	213655.99651
443377.72	3748583.61	244594.48349	443387.40	3748555.45	224604.86759
443399.72	3748531.69	244973.28598	443409.40	3748510.57	274026.57084
443339.88	3748550.17	123263.96874	443358.36	3748517.61	126440.73875

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         443360.12    3748489.44   120132.12643
443372.44    3748464.80   126718.81989
         443394.44    3748441.04   127908.22861
443497.41    3748439.28   353276.93919
         443522.05    3748422.56   264411.57182
443541.41    3748404.08   218742.99710
         443557.25    3748392.64   199557.43883
443580.13    3748376.80   194395.66156
         443602.13    3748365.36   197045.10875
443623.25    3748346.00   187984.63669
         443653.17    3748335.44   216496.22584
443671.65    3748321.36   212457.52852
         443508.85    3748368.88   128953.93277
443479.81    3748380.32   128402.81716
         443526.45    3748355.68   123579.74068
443548.45    3748339.84   119665.25430
         443571.33    3748324.00   119197.75303
443590.69    3748310.80   117526.15553
         443612.69    3748296.72   114473.36338
443636.45    3748282.64   114501.83854
         443654.93    3748265.92   108413.69136
443672.53    3748246.56   100776.05519
         443689.25    3748231.60    95613.44213
443706.85    3748215.75    91198.98726
         443691.02    3748297.60   180994.69044
443707.74    3748282.64   162954.91444
         443725.34    3748266.80   146672.85701
443741.18    3748257.12   143451.06833
         443759.66    3748243.03   143770.28665
443773.74    3748221.03   124320.08725
         443794.86    3748203.43   119732.37901
443813.34    3748185.83   114039.21357
         443824.78    3748163.83    97944.09448
443842.38    3748150.63    93931.56993
         443794.86    3748123.35    66864.87573
443808.06    3748106.63    63663.55350

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

PAGE 375
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):
PAREA1      , PAREA2      , PAREA3      , L0000001    , L0000002    ,
               L0000003    , L0000004    , L0000005    ,
L0000006    , L0000007    , L0000008    , L0000009    , L0000010    ,
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                L0000011    , L0000012    , L0000013    ,
L0000014    , L0000015    , L0000016    , L0000017    , L0000018    ,
                L0000019    , L0000020    , L0000021    ,
L0000022    , L0000023    , L0000024    , L0000025    ,  . . .      ,

                                          *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                        ** CONC OF DPM      IN
MICROGRAMS/M**3                          **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)         CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443773.74    3748145.35    71633.71540
443762.30    3748169.11    80259.48099
         443749.10    3748183.19    84442.69751
443724.46    3748197.27    85906.76675
         443669.01    3748506.17   456278.73242
443691.02    3748531.69   421421.73396
         443709.50    3748544.89   408532.12407
443731.50    3748574.81   488479.38029
         443760.54    3748588.01   492227.74042
443782.54    3748564.25   368499.81346
         443807.18    3748539.61   319286.96669
443826.54    3748515.85   295794.35941
         443852.94    3748491.21   291598.90822
443863.50    3748470.09   277268.91888
         443881.98    3748439.28   262954.24976
443881.10    3748410.24   241788.64546
         443899.59    3748423.44   266523.22435
443891.66    3748384.72   235404.26743
         443911.07    3748370.97   234942.29904
443929.51    3748345.54   235423.44910
         443939.05    3748329.01   231932.08242
443954.95    3748309.93   224664.20988
         443975.29    3748291.49   204708.24767
443932.69    3748260.34   287600.80169
         443907.90    3748288.95   305444.08219
443892.00    3748306.75   297498.70712
         443878.65    3748325.19   283315.00923
443864.66    3748341.09   277315.55505
         443848.13    3748357.62   283187.61976
443829.69    3748376.69   283465.17078
         443795.99    3748384.96   330485.44565
443774.37    3748402.76   337392.78221
         443747.03    3748423.75   362820.32194
443723.50    3748442.19   373955.42477
         443705.70    3748458.72   369782.82505
443678.36    3748482.88   427820.45264
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         443730.50    3748499.41   305460.28130
443747.03    3748481.61   284789.73351
         443773.10    3748465.71   271643.03672
443753.39    3748477.79   281119.51999
         443778.19    3748500.05   270269.77285
443792.17    3748480.97   261838.79160
         443816.97    3748455.54   251021.12350
443801.08    3748442.82   261440.35353
         443815.70    3748424.38   259013.25327
443834.14    3748437.73   246497.09035
         443855.06    3748084.13    61805.73960
443836.57    3748062.13    56038.63758
         443812.81    3748041.00    51691.43033
443769.68    3747996.11    45643.02425
         443828.65    3748013.72    50661.95060
443816.33    3747989.95    48578.26880
         443813.69    3747954.75    48917.60854
443764.40    3747961.79    44539.24490
         443730.07    3747945.06    41829.15083
443706.31    3747923.06    40459.67924
         443688.70    3747902.81    39180.54335
443664.94    3747880.81    36879.99161
         443646.45    3747852.64    35247.71728
443619.17    3747824.48    33248.71314
         443604.20    3747805.99    32512.91075
443618.29    3747776.95    33239.98130
         443639.41    3747752.30    34335.11189
443670.22    3747725.02    36524.11742
         443702.78    3747688.05    39816.39562
443684.30    3747671.33    37172.89639
         443719.51    3747704.77    42668.18408
443730.07    3747724.14    45140.84486
         443752.96    3747739.98    50660.80848
443766.16    3747760.22    55395.72955
         443789.04    3747782.23    63471.12525
443802.25    3747798.07    69613.64741
         443819.85    3747817.44    80864.47096
443838.33    3747832.40    95420.97626
         443855.06    3747848.24   108081.15151
443868.26    3747867.61   107481.64294
         443885.86    3747890.49   100966.21905
443905.23    3747909.86    96408.64903
         443919.31    3747930.10    87633.91406
443942.20    3747945.94    93484.87208

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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                    *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                INCLUDING SOURCE(S):
PAREA1      , PAREA2      , PAREA3      , L0000001    , L0000002    ,
                L0000003    , L0000004    , L0000005    ,
L0000006    , L0000007    , L0000008    , L0000009    , L0000010    ,
                L0000011    , L0000012    , L0000013    ,
L0000014    , L0000015    , L0000016    , L0000017    , L0000018    ,
                L0000019    , L0000020    , L0000021    ,
L0000022    , L0000023    , L0000024    , L0000025    ,  . . .      ,

                                              *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                            ** CONC OF DPM      IN
MICROGRAMS/M**3                              **

       X-COORD (M)   Y-COORD (M)        CONC                         X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443955.40    3747961.79    78875.47810
443984.44    3747930.10   131765.24902
         443991.49    3747911.62   195342.56009
443994.13    3747889.61   301240.45129
         444004.69    3747868.49   284423.02640
444006.45    3747849.12   309690.15916
         444014.37    3747831.52   306032.99371
444017.01    3747807.75   333815.13031
         444024.93    3747790.15   333127.85479
444036.38    3747768.15   325771.21984
         444047.82    3747747.90   321250.98241
444058.38    3747728.54   318281.12110
         444071.58    3747710.05   306678.64214
444086.55    3747695.97   282912.93839
         444102.39    3747681.89   259155.62648
444114.71    3747666.93   248628.26369
         444132.32    3747655.48   223984.49414
444112.95    3747621.16   296579.54170
         443727.52    3747635.24    43382.66448
443741.61    3747647.56    46445.49688
         443754.81    3747668.68    49394.15673
443769.77    3747684.53    53014.39529
         443780.34    3747695.09    58006.45850
443797.06    3747714.46    66418.90593
         443809.38    3747727.66    74327.72720
443823.47    3747745.26    86474.08883
         443846.35    3747775.19   110946.01644
443860.44    3747786.63   133153.42243
         443868.36    3747769.91   143600.26913
443879.80    3747749.66   156620.80344
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         443887.72    3747723.26   157151.79914
443892.12    3747702.13   152860.75428
         443895.64    3747682.77   145154.37504
443893.00    3747660.76   133928.27918
         443893.88    3747640.52   132373.07644
443897.41    3747621.15   135615.76637
         443900.05    3747604.43   137994.50420
443899.17    3747585.94   134183.26095
         443901.81    3747563.94   136290.33131
443901.81    3747546.33   134571.95342
         443904.45    3747526.97   137486.20148
443903.57    3747507.60   133395.28126
         443901.81    3747487.36   127174.41045
443905.33    3747466.23   129276.58836
         443904.45    3747445.99   120244.57675
443903.57    3747429.26   114924.55931
         443904.45    3747407.26   113101.84638
443903.57    3747388.77   109693.13923
         443900.93    3747365.01   104609.28409
443894.76    3747341.24    96283.02635
         443891.24    3747320.99    91690.96091
443886.84    3747302.51    86317.92616
         443883.32    3747278.74    81701.92151
443882.44    3747257.62    79547.75015
         443875.40    3747240.89    70741.13353
443862.20    3747223.29    57423.45784
         443848.99    3747203.92    46695.99517
443875.40    3747192.48    56044.42628
         443893.88    3747174.00    57616.73309
443900.93    3747150.23    48007.38296
         443879.80    3747124.70    35654.79169
443859.56    3747118.54    31640.21533
         443821.71    3747120.30    27800.44348
444137.71    3747581.54   244111.18965
         444132.43    3747563.06   250396.69071
444122.74    3747541.93   265502.22675
         444115.70    3747514.64   263377.62607
444104.26    3747490.88   277250.62833
         444093.70    3747447.75   271007.83156
444089.29    3747432.78   268737.36265
         444084.01    3747410.78   256690.70250
444079.61    3747394.05   245418.92319
         444066.41    3747371.17   247681.02167
444065.53    3747356.20   227967.07029
         444057.61    3747328.92   208321.82703
444048.80    3747309.55   201861.13250
         444041.76    3747289.31   189436.57766
444039.12    3747269.94   170009.74864
         444032.08    3747252.34   162563.28115
444026.80    3747232.09   147754.23284
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S):
PAREA1 , PAREA2 , PAREA3 , L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
444024.16	3747211.85	126189.20002	444012.71	3747194.24	117450.28776
444009.19	3747178.40	96205.75192	444000.39	3747159.03	73773.49893
443990.71	3747139.67	57233.54729	443987.19	3747122.06	47236.50024
443544.98	3747753.94	28127.11764	443566.91	3747739.32	29078.25345
443582.75	3747705.21	29565.43740	443608.33	3747662.57	30257.52352
443585.18	3747683.28	29282.03543	443664.38	3747610.18	34228.17692
444061.69	3748396.73	199319.17317	443702.16	3748778.14	278696.65308
443720.87	3748761.68	335422.35407	443735.08	3748748.96	382662.89898
443761.27	3748751.20	310706.65359	443781.48	3748750.46	283067.66762
443799.43	3748733.25	335303.38553	443816.64	3748742.22	266084.95781
443859.29	3748707.06	276786.14573	443854.80	3748660.67	400713.94117

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         443872.01    3748652.43   351992.20017
443881.74    3748635.22   348334.56077
         443889.22    3748615.02   357286.44521
443912.42    3748586.59   328073.35459
         443949.73    3748543.05   291187.36901
443955.98    3748523.52   311311.65416
         443964.58    3748509.45   313352.70255
443975.51    3748496.56   306436.96139
         444002.47    3748489.92   249398.59268
443993.02    3748508.17   244252.29286
         443984.29    3748521.95   242149.76714
443976.48    3748538.50   237609.50885
         443964.53    3748550.91   246071.03763
443950.29    3748565.15   257525.14649
         443942.47    3748583.07   252904.74905
444015.08    3748474.62   239057.15513
         444023.81    3748461.29   233437.48411
444033.00    3748446.13   226452.28302
         444049.55    3748429.58   206055.96399
444052.31    3748411.20   214585.28069
         443186.88    3748634.70    66383.41033
443201.94    3748608.36    66588.93747
         443224.52    3748583.89    67742.08569
443237.69    3748551.90    69218.88448
         443250.87    3748525.56    70598.35461
443267.80    3748491.68    68101.91667
         443290.38    3748454.05    68498.45493
443299.79    3748416.41    62457.05464
         443299.79    3748384.42    56586.46973
443301.68    3748352.43    52614.97918
         443305.44    3748320.44    49061.64149
443117.28    3748611.37    52624.21861
         443090.70    3748626.39    50915.59503
443162.35    3748585.94    56513.97275
         443179.69    3748558.20    56276.93642
443190.09    3748530.47    54406.04312
         443205.11    3748494.64    53164.31523
443229.38    3748456.50    51633.55645
         443231.69    3748413.74    47323.28051
443252.50    3748389.47    48062.81138
         443186.62    3748471.53    48068.88127
443141.55    3748525.84    46769.35447
         443138.08    3748498.11    43569.26315
443150.79    3748472.68    43101.03421
         443169.29    3748447.26    42891.45044
443183.15    3748419.52    41999.77346
         443202.80    3748396.41    42319.81756
443224.76    3748373.29    42849.98251
         443238.63    3748345.56    42001.28509
443112.66    3748590.56    49586.85403
         443080.30    3748597.50    46110.75406
443072.21    3748572.07    42741.34564
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         443103.41    3748554.74    45234.85229
443093.01    3748532.78    42307.98951
         444066.11    3748315.51   141678.19787
444098.47    3748350.18   129681.63733
         444078.82    3748294.70   114880.32860
444089.22    3748273.90    98821.73581

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***        20:07:54

PAGE 378
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):
PAREA1      , PAREA2      , PAREA3      , L0000001    , L0000002    ,
                L0000003    , L0000004    , L0000005    ,
L0000006    , L0000007    , L0000008    , L0000009    , L0000010    ,
                L0000011    , L0000012    , L0000013    ,
L0000014    , L0000015    , L0000016    , L0000017    , L0000018    ,
                L0000019    , L0000020    , L0000021    ,
L0000022    , L0000023    , L0000024    , L0000025    ,  . . .      ,

                                             *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                          ** CONC OF DPM      IN
MICROGRAMS/M**3                            **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)         CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         444096.16    3748253.10    88105.10789
444111.18    3748321.29   104584.42717
         444131.98    3748302.79    86570.31758
444135.45    3748284.30    79465.91916
         443313.52    3748260.81    42892.50278
443230.72    3748275.87    35679.18327
         443260.83    3748238.23    35485.14969
443274.00    3748215.65    34889.46064
         443304.11    3748178.01    33785.13857
443198.73    3748330.44    36293.14840
         443155.44    3748373.72    35620.44592
443119.69    3748411.36    34943.46488
         443100.87    3748441.47    35706.20723
443093.34    3748477.23    38227.10993
         443080.17    3748501.69    38790.33432
443718.12    3747857.82    43764.36460
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         443737.76    3747882.38    45268.95490
443765.27    3747898.10    47690.45645
         443754.46    3747918.73    44733.89644
443696.50    3747826.38    41739.84832
         443672.93    3747804.77    38644.10611
443726.96    3747844.07    45739.25509
         443710.26    3747771.37    43176.02677
443737.76    3747790.04    47947.48099
         443746.61    3747808.70    50042.76442
443762.32    3747821.47    53652.68376
         443787.87    3747845.05    59380.92465
443800.64    3747866.66    60669.35911
         443806.53    3747929.53    50525.28051
443520.64    3747701.59    26481.40955
         443551.64    3747661.73    27302.84569
443591.49    3747635.16    28658.28631
         443836.47    3747717.70    97506.92235
443840.73    3747688.60    97757.54961
         443841.44    3747663.76    91750.25393
443804.53    3747670.15    74797.44496
         443787.49    3747657.37    61580.52807
443777.55    3747633.95    55556.11254
         443744.90    3747619.04    46709.97095
443761.94    3747606.26    50569.55503
         443844.28    3747623.30    83616.95511
443847.12    3747599.87    83317.06322
         443852.79    3747578.58    85379.93988
443849.96    3747558.00    81628.80562
         443849.96    3747537.41    80595.79081
443854.92    3747518.25    82179.96109
         443847.12    3747495.53    74940.11695
443853.50    3747478.50    77053.51686
         443850.67    3747457.20    73418.37619
443854.21    3747438.75    73433.54823
         443849.96    3747397.58    67474.73882
443854.21    3747418.16    71270.99575
         443853.50    3747378.41    67908.25629
443843.57    3747336.54    60087.71781
         443836.47    3747315.24    55549.06045
443829.37    3747296.08    51285.79701
         443827.95    3747274.07    48816.74011
443816.59    3747254.20    43491.38634
         443805.95    3747236.45    39103.16999
443803.11    3747219.42    36731.93032
         443838.60    3747186.06    39846.57466
443838.60    3747171.15    37137.88752
         443970.69    3747984.97    64129.41604
443980.63    3747995.62    60153.20171
         443994.83    3748014.08    56082.86157
444006.19    3748026.85    53955.64083
         444016.83    3748040.34    52646.72808
444040.26    3748051.70    51398.53288
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         444048.78    3748065.89    50785.27381
444060.13    3748085.77    51125.79358
         444079.30    3748100.68    51536.52983
444088.53    3748117.00    53248.86225
         444101.30    3748132.62    54683.59319
444114.79    3748147.53    55494.24472
         444129.70    3748161.72    55792.13970
444141.76    3748177.34    56143.80760
         444158.09    3748180.89    53605.26460
444169.45    3748204.31    53956.10538
         444190.03    3748217.09    51194.24348
444192.83    3748193.06    47933.54922

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PAGE 379
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                INCLUDING SOURCE(S):
PAREA1      , PAREA2      , PAREA3      , L0000001    , L0000002    ,
               L0000003    , L0000004    , L0000005    ,
L0000006    , L0000007    , L0000008    , L0000009    , L0000010    ,
               L0000011    , L0000012    , L0000013    ,
L0000014    , L0000015    , L0000016    , L0000017    , L0000018    ,
               L0000019    , L0000020    , L0000021    ,
L0000022    , L0000023    , L0000024    , L0000025    ,  . . .      ,

                                          *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                        ** CONC OF DPM      IN
MICROGRAMS/M**3                          **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         444195.33    3748122.70    43058.62387
444008.68    3747956.49    78593.63115
         444019.33    3747969.98    68539.57696
444042.75    3747981.34    61690.01907
         444051.27    3747995.53    57462.19982
444062.63    3748015.41    53553.96687
         444081.79    3748030.32    51288.14841
444091.02    3748046.64    49914.04511
         444103.80    3748062.26    49450.70540
444117.29    3748077.17    48752.51857
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         444132.19    3748091.36    48252.84933
444144.26    3748106.98    48058.62917
         444160.59    3748110.53    46914.75248
444171.94    3748133.95    46734.20725
         444192.53    3748146.73    44335.86780
444143.39    3748498.91   100441.36250
         444154.04    3748512.39    94262.40155
444177.46    3748523.75    85130.55819
         444185.98    3748537.95    81465.16830
444197.34    3748557.82    76444.39300
         444216.50    3748572.73    70554.16367
444225.73    3748589.05    67404.76860
         444238.51    3748604.67    63830.22587
444251.99    3748619.58    60452.58895
         444266.90    3748633.77    57155.80819
444278.97    3748649.39    54415.78245
         444295.29    3748652.94    52037.82974
444306.65    3748676.37    49270.33126
         444237.65    3748593.44    64776.40099
444061.66    3748440.72   178054.38101
         444085.08    3748452.08   145883.84196
444093.60    3748466.28   135861.30985
         444104.96    3748486.15   123122.42802
444124.12    3748501.06   109914.65167
         444133.35    3748517.39   103072.13037
444146.13    3748533.00    95112.70268
         444159.61    3748547.91    88344.62805
444174.52    3748562.11    82244.75743
         444186.59    3748577.72    77160.18175
444202.91    3748581.27    72937.01725
         444214.27    3748604.70    68556.71168
444234.86    3748617.47    63548.02416

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

PAGE 380
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                   *** THE SUMMARY OF MAXIMUM ANNUAL
RESULTS AVERAGED OVER   5 YEARS ***


                                    ** CONC OF DPM      IN
MICROGRAMS/M**3                         **


NETWORK
GROUP ID                        AVERAGE CONC                RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)  OF TYPE  GRID-ID
```

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

AREA1     1ST HIGHEST VALUE IS  205571.73974 AT (  442983.47,
3748918.02,   186.21,  1224.00,    0.00)  DC
          2ND HIGHEST VALUE IS  203035.72330 AT (  443016.91,
3748884.58,   187.26,  1224.00,    0.00)  DC
          3RD HIGHEST VALUE IS  195011.59037 AT (  442999.31,
3748898.66,   186.92,  1224.00,    0.00)  DC
          4TH HIGHEST VALUE IS  190174.52260 AT (  443047.86,
3748855.70,   188.15,  1224.00,    0.00)  DC
          5TH HIGHEST VALUE IS  188450.71906 AT (  442962.35,
3748934.74,   185.94,  1224.00,    0.00)  DC
          6TH HIGHEST VALUE IS  184254.95865 AT (  443030.11,
3748868.74,   188.02,  1224.00,    0.00)  DC
          7TH HIGHEST VALUE IS  182759.83726 AT (  442916.59,
3748985.78,   183.96,  1224.00,    0.00)  DC
          8TH HIGHEST VALUE IS  179765.38860 AT (  442935.07,
3748963.78,   185.67,  1224.00,    0.00)  DC
          9TH HIGHEST VALUE IS  179669.26341 AT (  442947.39,
3748948.82,   185.93,  1224.00,    0.00)  DC
         10TH HIGHEST VALUE IS  166165.24622 AT (  442898.98,
3749001.62,   182.85,  1224.00,    0.00)  DC

AREA2     1ST HIGHEST VALUE IS  483933.77622 AT (  443760.54,
3748588.01,   205.25,  1224.00,    0.00)  DC
          2ND HIGHEST VALUE IS  480248.66088 AT (  443731.50,
3748574.81,   206.57,  1224.00,    0.00)  DC
          3RD HIGHEST VALUE IS  448318.23184 AT (  443669.01,
3748506.17,   207.31,  1224.00,    0.00)  DC
          4TH HIGHEST VALUE IS  420045.63842 AT (  443678.36,
3748482.88,   207.87,  1224.00,    0.00)  DC
          5TH HIGHEST VALUE IS  413484.65057 AT (  443691.02,
3748531.69,   208.89,  1224.00,    0.00)  DC
          6TH HIGHEST VALUE IS  400593.23999 AT (  443709.50,
3748544.89,   209.03,  1224.00,    0.00)  DC
          7TH HIGHEST VALUE IS  394979.91902 AT (  443535.25,
3748597.69,   206.54,  1224.00,    0.00)  DC
          8TH HIGHEST VALUE IS  392165.79220 AT (  443854.80,
3748660.67,   207.85,  1224.00,    0.00)  DC
          9TH HIGHEST VALUE IS  389030.51342 AT (  443583.65,
3748651.37,   203.08,  1224.00,    0.00)  DC
         10TH HIGHEST VALUE IS  371076.54439 AT (  443735.08,
3748748.96,   204.44,  1224.00,    0.00)  DC

AREA3     1ST HIGHEST VALUE IS  316542.09859 AT (  444017.01,
3747807.75,   232.35,  1224.00,    0.00)  DC
          2ND HIGHEST VALUE IS  316479.74817 AT (  444024.93,
3747790.15,   232.52,  1224.00,    0.00)  DC
          3RD HIGHEST VALUE IS  309870.50467 AT (  444036.38,
3747768.15,   232.90,  1224.00,    0.00)  DC
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          4TH HIGHEST VALUE IS  306006.57941 AT (  444047.82,
3747747.90,   233.45,  1224.00,    0.00)  DC
          5TH HIGHEST VALUE IS  303670.21689 AT (  444058.38,
3747728.54,   234.61,  1224.00,    0.00)  DC
          6TH HIGHEST VALUE IS  292664.26017 AT (  444071.58,
3747710.05,   235.93,  1224.00,    0.00)  DC
          7TH HIGHEST VALUE IS  290710.18374 AT (  444006.45,
3747849.12,   231.09,  1224.00,    0.00)  DC
          8TH HIGHEST VALUE IS  287938.75505 AT (  444014.37,
3747831.52,   232.30,  1224.00,    0.00)  DC
          9TH HIGHEST VALUE IS  284712.16207 AT (  444112.95,
3747621.16,   241.83,  1224.00,    0.00)  DC
         10TH HIGHEST VALUE IS  279398.40680 AT (  443994.13,
3747889.61,   225.38,  1224.00,    0.00)  DC

LINE1     1ST HIGHEST VALUE IS      18.60532 AT (  443230.76,
3748790.42,   193.09,  1224.00,    0.00)  DC
          2ND HIGHEST VALUE IS       6.59912 AT (  443242.20,
3748767.54,   194.07,  1224.00,    0.00)  DC
          3RD HIGHEST VALUE IS       6.18113 AT (  443370.68,
3748910.10,   196.00,  1224.00,    0.00)  DC
          4TH HIGHEST VALUE IS       5.96445 AT (  443383.00,
3748960.26,   196.02,  1224.00,    0.00)  DC
          5TH HIGHEST VALUE IS       5.89623 AT (  443306.44,
3748793.94,   189.00,  1224.00,    0.00)  DC
          6TH HIGHEST VALUE IS       5.89136 AT (  443380.36,
3748936.50,   196.03,  1224.00,    0.00)  DC
          7TH HIGHEST VALUE IS       4.83508 AT (  443386.52,
3748896.02,   196.24,  1224.00,    0.00)  DC
          8TH HIGHEST VALUE IS       3.56274 AT (  443339.88,
3748786.02,   189.70,  1224.00,    0.00)  DC
          9TH HIGHEST VALUE IS       3.31496 AT (  443255.40,
3748742.89,   194.15,  1224.00,    0.00)  DC
         10TH HIGHEST VALUE IS       2.97689 AT (  443423.48,
3748874.90,   197.47,  1224.00,    0.00)  DC

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
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***        20:07:54

PAGE 381
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                  *** THE SUMMARY OF MAXIMUM ANNUAL
RESULTS AVERAGED OVER   5 YEARS ***


                                   ** CONC OF DPM      IN
MICROGRAMS/M**3                         **
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```
NETWORK
GROUP ID                          AVERAGE CONC                 RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

LINE2     1ST HIGHEST VALUE IS      7.26984 AT (  443846.35,
3747775.19,   232.00,  1224.00,    0.00)  DC
          2ND HIGHEST VALUE IS      7.20237 AT (  443664.94,
3747880.81,   232.57,  1224.00,    0.00)  DC
          3RD HIGHEST VALUE IS      7.04947 AT (  443754.81,
3747668.68,   243.63,  1224.00,    0.00)  DC
          4TH HIGHEST VALUE IS      6.98573 AT (  443769.68,
3747996.11,   228.01,  1224.00,    0.00)  DC
          5TH HIGHEST VALUE IS      6.76168 AT (  443769.77,
3747684.53,   243.61,  1224.00,    0.00)  DC
          6TH HIGHEST VALUE IS      6.68435 AT (  443706.31,
3747923.06,   230.67,  1224.00,    0.00)  DC
          7TH HIGHEST VALUE IS      6.67524 AT (  443812.81,
3748041.00,   223.77,  1224.00,    0.00)  DC
          8TH HIGHEST VALUE IS      6.66903 AT (  444098.47,
3748350.18,   220.42,  1224.00,    0.00)  DC
          9TH HIGHEST VALUE IS      6.62934 AT (  443860.44,
3747786.63,   232.03,  1224.00,    0.00)  DC
         10TH HIGHEST VALUE IS      6.47949 AT (  443688.70,
3747902.81,   230.92,  1224.00,    0.00)  DC

ALL       1ST HIGHEST VALUE IS  492227.74042 AT (  443760.54,
3748588.01,   205.25,  1224.00,    0.00)  DC
          2ND HIGHEST VALUE IS  488479.38029 AT (  443731.50,
3748574.81,   206.57,  1224.00,    0.00)  DC
          3RD HIGHEST VALUE IS  456278.73242 AT (  443669.01,
3748506.17,   207.31,  1224.00,    0.00)  DC
          4TH HIGHEST VALUE IS  427820.45264 AT (  443678.36,
3748482.88,   207.87,  1224.00,    0.00)  DC
          5TH HIGHEST VALUE IS  421421.73396 AT (  443691.02,
3748531.69,   208.89,  1224.00,    0.00)  DC
          6TH HIGHEST VALUE IS  408532.12407 AT (  443709.50,
3748544.89,   209.03,  1224.00,    0.00)  DC
          7TH HIGHEST VALUE IS  405541.20390 AT (  443535.25,
3748597.69,   206.54,  1224.00,    0.00)  DC
          8TH HIGHEST VALUE IS  400713.94117 AT (  443854.80,
3748660.67,   207.85,  1224.00,    0.00)  DC
          9TH HIGHEST VALUE IS  400462.62082 AT (  443583.65,
3748651.37,   203.08,  1224.00,    0.00)  DC
         10TH HIGHEST VALUE IS  382662.89898 AT (  443735.08,
3748748.96,   204.44,  1224.00,    0.00)  DC


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

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        09/01/18
 *** AERMET - VERSION  16216 ***   ***
***        20:07:54

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

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

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of         1279 Informational Message(s)

 A Total of        43848 Hours Were Processed

 A Total of          917 Calm Hours Identified

 A Total of          362 Missing Hours Identified (  0.83 Percent)


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


    ********   WARNING MESSAGES   ********
 ME W186    4536       MEOPEN: THRESH_1MIN 1-min ASOS wind speed
threshold used          0.50
 ME W187    4536       MEOPEN: ADJ_U* Option for Stable Low Winds used
in AERMET

    ***********************************
    *** AERMOD Finishes Successfully ***
    ***********************************
```

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.6.1
** Lakes Environmental Software Inc.
** Date: 12/21/2018
** File: C:\Users\xli\Desktop\5082.0001 Trails of Corona\HRA\Phase II
only\Phase II only.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\xli\Desktop\5082.0001 Trails of
Corona\HRA\Construction HRA
   MODELOPT DFAULT CONC
   AVERTIME ANNUAL
   URBANOPT 100000
   POLLUTID DPM
   RUNORNOT RUN
   ERRORFIL "Phase II only.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** ------------------------------------------------------------------
--
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC offiste to PA 4
** PREFIX
** Length of Side = 9.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Elevated
** Vertical Dimension = 6.22
** SZINIT = 1.45
** Nodes = 6
** 443299.241, 3749098.199, 192.15, 3.11, 4.19
** 443282.729, 3748995.457, 192.94, 3.11, 4.19
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** 443266.216, 3748889.046, 188.24, 3.11, 4.19
** 443244.200, 3748845.013, 188.53, 3.11, 4.19
** 443224.019, 3748815.658, 189.33, 3.11, 4.19
** 443181.821, 3748793.642, 190.91, 3.11, 4.19
** ----------------------------------------------------------------
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   LOCATION L0000693     VOLUME   443298.527 3749093.756 192.05
   LOCATION L0000694     VOLUME   443297.099 3749084.870 192.26
   LOCATION L0000695     VOLUME   443295.670 3749075.984 192.21
   LOCATION L0000696     VOLUME   443294.242 3749067.098 192.16
   LOCATION L0000697     VOLUME   443292.814 3749058.212 192.12
   LOCATION L0000698     VOLUME   443291.386 3749049.326 192.28
   LOCATION L0000699     VOLUME   443289.958 3749040.440 192.53
   LOCATION L0000700     VOLUME   443288.530 3749031.554 192.80
   LOCATION L0000701     VOLUME   443287.102 3749022.668 192.93
   LOCATION L0000702     VOLUME   443285.674 3749013.782 192.88
   LOCATION L0000703     VOLUME   443284.246 3749004.896 192.83
   LOCATION L0000704     VOLUME   443282.818 3748996.010 192.78
   LOCATION L0000705     VOLUME   443281.434 3748987.117 192.74
   LOCATION L0000706     VOLUME   443280.054 3748978.224 192.69
   LOCATION L0000707     VOLUME   443278.674 3748969.330 192.64
   LOCATION L0000708     VOLUME   443277.294 3748960.437 192.33
   LOCATION L0000709     VOLUME   443275.914 3748951.543 191.85
   LOCATION L0000710     VOLUME   443274.534 3748942.649 191.34
   LOCATION L0000711     VOLUME   443273.154 3748933.756 190.80
   LOCATION L0000712     VOLUME   443271.774 3748924.862 190.23
   LOCATION L0000713     VOLUME   443270.394 3748915.969 189.64
   LOCATION L0000714     VOLUME   443269.014 3748907.075 189.02
   LOCATION L0000715     VOLUME   443267.634 3748898.182 188.76
   LOCATION L0000716     VOLUME   443266.254 3748889.288 188.56
   LOCATION L0000717     VOLUME   443262.301 3748881.215 188.22
   LOCATION L0000718     VOLUME   443258.276 3748873.165 188.03
   LOCATION L0000719     VOLUME   443254.251 3748865.115 188.09
   LOCATION L0000720     VOLUME   443250.226 3748857.066 188.22
   LOCATION L0000721     VOLUME   443246.202 3748849.016 188.43
   LOCATION L0000722     VOLUME   443241.637 3748841.284 188.51
   LOCATION L0000723     VOLUME   443236.538 3748833.868 188.55
   LOCATION L0000724     VOLUME   443231.439 3748826.452 188.68
   LOCATION L0000725     VOLUME   443226.340 3748819.035 189.09
   LOCATION L0000726     VOLUME   443219.673 3748813.391 190.11
   LOCATION L0000727     VOLUME   443211.693 3748809.228 191.33
   LOCATION L0000728     VOLUME   443203.714 3748805.065 192.56
   LOCATION L0000729     VOLUME   443195.735 3748800.902 193.12
   LOCATION L0000730     VOLUME   443187.756 3748796.739 192.49
** End of LINE VOLUME Source ID = SLINE1
   LOCATION PAREA4       AREAPOLY   443204.776  3748790.863
194.860
** DESCRSRC PA 4 onsite
   LOCATION PAREA5       AREAPOLY   443873.644  3748118.366
219.140
** DESCRSRC PA 5 onsite
```

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** ----------------------------------------------------------------
--
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE3
** DESCRSRC PA 5 offsite truck
** PREFIX
** Length of Side = 9.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Elevated
** Vertical Dimension = 6.22
** SZINIT = 1.45
** Nodes = 6
** 444178.588, 3748960.648, 208.12, 3.11, 4.19
** 444388.917, 3748923.192, 210.94, 3.11, 4.19
** 444354.342, 3748727.269, 215.09, 3.11, 4.19
** 444314.005, 3748623.545, 218.37, 3.11, 4.19
** 444060.457, 3748332.541, 217.11, 3.11, 4.19
** 443922.159, 3748185.599, 217.02, 3.11, 4.19
** ----------------------------------------------------------------
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   LOCATION L0000569     VOLUME   444183.018 3748959.859 208.21
   LOCATION L0000570     VOLUME   444191.878 3748958.281 208.26
   LOCATION L0000571     VOLUME   444200.739 3748956.703 208.32
   LOCATION L0000572     VOLUME   444209.600 3748955.125 208.37
   LOCATION L0000573     VOLUME   444218.460 3748953.547 208.42
   LOCATION L0000574     VOLUME   444227.321 3748951.969 208.47
   LOCATION L0000575     VOLUME   444236.181 3748950.391 208.53
   LOCATION L0000576     VOLUME   444245.042 3748948.813 208.58
   LOCATION L0000577     VOLUME   444253.903 3748947.236 208.63
   LOCATION L0000578     VOLUME   444262.763 3748945.658 208.68
   LOCATION L0000579     VOLUME   444271.624 3748944.080 208.74
   LOCATION L0000580     VOLUME   444280.484 3748942.502 208.83
   LOCATION L0000581     VOLUME   444289.345 3748940.924 209.18
   LOCATION L0000582     VOLUME   444298.206 3748939.346 209.52
   LOCATION L0000583     VOLUME   444307.066 3748937.768 209.87
   LOCATION L0000584     VOLUME   444315.927 3748936.190 210.00
   LOCATION L0000585     VOLUME   444324.787 3748934.612 210.00
   LOCATION L0000586     VOLUME   444333.648 3748933.034 210.00
   LOCATION L0000587     VOLUME   444342.509 3748931.456 210.11
   LOCATION L0000588     VOLUME   444351.369 3748929.878 210.40
   LOCATION L0000589     VOLUME   444360.230 3748928.301 210.70
   LOCATION L0000590     VOLUME   444369.090 3748926.723 210.99
   LOCATION L0000591     VOLUME   444377.951 3748925.145 211.00
   LOCATION L0000592     VOLUME   444386.812 3748923.567 211.00
   LOCATION L0000593     VOLUME   444387.724 3748916.435 211.00
   LOCATION L0000594     VOLUME   444386.160 3748907.572 211.00
   LOCATION L0000595     VOLUME   444384.596 3748898.708 211.13
   LOCATION L0000596     VOLUME   444383.032 3748889.845 211.25
   LOCATION L0000597     VOLUME   444381.468 3748880.982 211.34
   LOCATION L0000598     VOLUME   444379.904 3748872.119 211.49
   LOCATION L0000599     VOLUME   444378.340 3748863.256 211.73
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LOCATION L0000600     VOLUME   444376.776 3748854.393 211.97
LOCATION L0000601     VOLUME   444375.212 3748845.530 212.21
LOCATION L0000602     VOLUME   444373.648 3748836.667 212.42
LOCATION L0000603     VOLUME   444372.084 3748827.804 212.65
LOCATION L0000604     VOLUME   444370.520 3748818.941 212.91
LOCATION L0000605     VOLUME   444368.955 3748810.078 213.00
LOCATION L0000606     VOLUME   444367.391 3748801.215 213.00
LOCATION L0000607     VOLUME   444365.827 3748792.352 213.00
LOCATION L0000608     VOLUME   444364.263 3748783.489 213.09
LOCATION L0000609     VOLUME   444362.699 3748774.626 213.39
LOCATION L0000610     VOLUME   444361.135 3748765.763 213.68
LOCATION L0000611     VOLUME   444359.571 3748756.900 213.98
LOCATION L0000612     VOLUME   444358.007 3748748.037 214.27
LOCATION L0000613     VOLUME   444356.443 3748739.174 214.57
LOCATION L0000614     VOLUME   444354.879 3748730.311 214.86
LOCATION L0000615     VOLUME   444352.200 3748721.759 215.15
LOCATION L0000616     VOLUME   444348.938 3748713.371 215.43
LOCATION L0000617     VOLUME   444345.676 3748704.983 215.71
LOCATION L0000618     VOLUME   444342.413 3748696.595 215.99
LOCATION L0000619     VOLUME   444339.151 3748688.207 216.00
LOCATION L0000620     VOLUME   444335.889 3748679.819 216.06
LOCATION L0000621     VOLUME   444332.627 3748671.431 216.18
LOCATION L0000622     VOLUME   444329.365 3748663.043 216.51
LOCATION L0000623     VOLUME   444326.103 3748654.655 217.04
LOCATION L0000624     VOLUME   444322.841 3748646.267 217.51
LOCATION L0000625     VOLUME   444319.579 3748637.879 217.92
LOCATION L0000626     VOLUME   444316.317 3748629.491 218.22
LOCATION L0000627     VOLUME   444312.284 3748621.569 218.49
LOCATION L0000628     VOLUME   444306.372 3748614.784 218.71
LOCATION L0000629     VOLUME   444300.459 3748607.998 218.94
LOCATION L0000630     VOLUME   444294.547 3748601.212 219.17
LOCATION L0000631     VOLUME   444288.635 3748594.427 219.39
LOCATION L0000632     VOLUME   444282.723 3748587.641 219.62
LOCATION L0000633     VOLUME   444276.810 3748580.855 219.84
LOCATION L0000634     VOLUME   444270.898 3748574.070 220.07
LOCATION L0000635     VOLUME   444264.986 3748567.284 220.30
LOCATION L0000636     VOLUME   444259.073 3748560.498 220.52
LOCATION L0000637     VOLUME   444253.161 3748553.713 220.75
LOCATION L0000638     VOLUME   444247.249 3748546.927 220.98
LOCATION L0000639     VOLUME   444241.337 3748540.141 221.05
LOCATION L0000640     VOLUME   444235.424 3748533.356 221.20
LOCATION L0000641     VOLUME   444229.512 3748526.570 221.43
LOCATION L0000642     VOLUME   444223.600 3748519.785 221.76
LOCATION L0000643     VOLUME   444217.688 3748512.999 222.05
LOCATION L0000644     VOLUME   444211.775 3748506.213 222.00
LOCATION L0000645     VOLUME   444205.863 3748499.428 221.86
LOCATION L0000646     VOLUME   444199.951 3748492.642 221.63
LOCATION L0000647     VOLUME   444194.039 3748485.856 221.31
LOCATION L0000648     VOLUME   444188.126 3748479.071 221.04
LOCATION L0000649     VOLUME   444182.214 3748472.285 221.24
LOCATION L0000650     VOLUME   444176.302 3748465.499 221.43
LOCATION L0000651     VOLUME   444170.390 3748458.714 221.73
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   LOCATION L0000652     VOLUME   444164.477 3748451.928 221.31
   LOCATION L0000653     VOLUME   444158.565 3748445.142 220.97
   LOCATION L0000654     VOLUME   444152.653 3748438.357 220.77
   LOCATION L0000655     VOLUME   444146.741 3748431.571 220.58
   LOCATION L0000656     VOLUME   444140.828 3748424.785 220.41
   LOCATION L0000657     VOLUME   444134.916 3748418.000 220.41
   LOCATION L0000658     VOLUME   444129.004 3748411.214 220.50
   LOCATION L0000659     VOLUME   444123.092 3748404.428 220.73
   LOCATION L0000660     VOLUME   444117.179 3748397.643 220.95
   LOCATION L0000661     VOLUME   444111.267 3748390.857 221.00
   LOCATION L0000662     VOLUME   444105.355 3748384.071 221.00
   LOCATION L0000663     VOLUME   444099.443 3748377.286 221.00
   LOCATION L0000664     VOLUME   444093.530 3748370.500 220.77
   LOCATION L0000665     VOLUME   444087.618 3748363.714 220.49
   LOCATION L0000666     VOLUME   444081.706 3748356.929 219.92
   LOCATION L0000667     VOLUME   444075.793 3748350.143 219.25
   LOCATION L0000668     VOLUME   444069.881 3748343.357 218.50
   LOCATION L0000669     VOLUME   444063.969 3748336.572 217.11
   LOCATION L0000670     VOLUME   444057.953 3748329.880 215.95
   LOCATION L0000671     VOLUME   444051.784 3748323.326 214.88
   LOCATION L0000672     VOLUME   444045.616 3748316.773 213.89
   LOCATION L0000673     VOLUME   444039.448 3748310.219 213.00
   LOCATION L0000674     VOLUME   444033.280 3748303.665 212.90
   LOCATION L0000675     VOLUME   444027.111 3748297.111 213.02
   LOCATION L0000676     VOLUME   444020.943 3748290.557 213.23
   LOCATION L0000677     VOLUME   444014.775 3748284.004 213.52
   LOCATION L0000678     VOLUME   444008.606 3748277.450 213.89
   LOCATION L0000679     VOLUME   444002.438 3748270.896 214.12
   LOCATION L0000680     VOLUME   443996.270 3748264.342 214.35
   LOCATION L0000681     VOLUME   443990.102 3748257.788 214.58
   LOCATION L0000682     VOLUME   443983.933 3748251.235 214.81
   LOCATION L0000683     VOLUME   443977.765 3748244.681 215.04
   LOCATION L0000684     VOLUME   443971.597 3748238.127 215.28
   LOCATION L0000685     VOLUME   443965.428 3748231.573 215.53
   LOCATION L0000686     VOLUME   443959.260 3748225.019 215.77
   LOCATION L0000687     VOLUME   443953.092 3748218.466 216.01
   LOCATION L0000688     VOLUME   443946.924 3748211.912 216.20
   LOCATION L0000689     VOLUME   443940.755 3748205.358 216.43
   LOCATION L0000690     VOLUME   443934.587 3748198.804 216.66
   LOCATION L0000691     VOLUME   443928.419 3748192.250 216.89
   LOCATION L0000692     VOLUME   443922.251 3748185.697 217.12
** End of LINE VOLUME Source ID = SLINE3
** Source Parameters **
** LINE VOLUME Source ID = SLINE1
   SRCPARAM L0000693     0.0263157895      3.11      4.19      1.45
   SRCPARAM L0000694     0.0263157895      3.11      4.19      1.45
   SRCPARAM L0000695     0.0263157895      3.11      4.19      1.45
   SRCPARAM L0000696     0.0263157895      3.11      4.19      1.45
   SRCPARAM L0000697     0.0263157895      3.11      4.19      1.45
   SRCPARAM L0000698     0.0263157895      3.11      4.19      1.45
   SRCPARAM L0000699     0.0263157895      3.11      4.19      1.45
   SRCPARAM L0000700     0.0263157895      3.11      4.19      1.45
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   SRCPARAM L0000701     0.0263157895      3.11      4.19      1.45
   SRCPARAM L0000702     0.0263157895      3.11      4.19      1.45
   SRCPARAM L0000703     0.0263157895      3.11      4.19      1.45
   SRCPARAM L0000704     0.0263157895      3.11      4.19      1.45
   SRCPARAM L0000705     0.0263157895      3.11      4.19      1.45
   SRCPARAM L0000706     0.0263157895      3.11      4.19      1.45
   SRCPARAM L0000707     0.0263157895      3.11      4.19      1.45
   SRCPARAM L0000708     0.0263157895      3.11      4.19      1.45
   SRCPARAM L0000709     0.0263157895      3.11      4.19      1.45
   SRCPARAM L0000710     0.0263157895      3.11      4.19      1.45
   SRCPARAM L0000711     0.0263157895      3.11      4.19      1.45
   SRCPARAM L0000712     0.0263157895      3.11      4.19      1.45
   SRCPARAM L0000713     0.0263157895      3.11      4.19      1.45
   SRCPARAM L0000714     0.0263157895      3.11      4.19      1.45
   SRCPARAM L0000715     0.0263157895      3.11      4.19      1.45
   SRCPARAM L0000716     0.0263157895      3.11      4.19      1.45
   SRCPARAM L0000717     0.0263157895      3.11      4.19      1.45
   SRCPARAM L0000718     0.0263157895      3.11      4.19      1.45
   SRCPARAM L0000719     0.0263157895      3.11      4.19      1.45
   SRCPARAM L0000720     0.0263157895      3.11      4.19      1.45
   SRCPARAM L0000721     0.0263157895      3.11      4.19      1.45
   SRCPARAM L0000722     0.0263157895      3.11      4.19      1.45
   SRCPARAM L0000723     0.0263157895      3.11      4.19      1.45
   SRCPARAM L0000724     0.0263157895      3.11      4.19      1.45
   SRCPARAM L0000725     0.0263157895      3.11      4.19      1.45
   SRCPARAM L0000726     0.0263157895      3.11      4.19      1.45
   SRCPARAM L0000727     0.0263157895      3.11      4.19      1.45
   SRCPARAM L0000728     0.0263157895      3.11      4.19      1.45
   SRCPARAM L0000729     0.0263157895      3.11      4.19      1.45
   SRCPARAM L0000730     0.0263157895      3.11      4.19      1.45
** ------------------------------------------------------------------
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   SRCPARAM PAREA4             1.0     5.000        17
   AREAVERT PAREA4       443204.776 3748790.863 443149.133 3748763.793
   AREAVERT PAREA4       443203.272 3748655.516 443227.334 3748617.920
   AREAVERT PAREA4       443287.487 3748494.604 443323.580 3748414.900
   AREAVERT PAREA4       443329.595 3748311.135 443328.091 3748288.577
   AREAVERT PAREA4       443361.176 3748281.058 443431.857 3748371.289
   AREAVERT PAREA4       443431.857 3748384.823 443386.742 3748429.939
   AREAVERT PAREA4       443349.145 3748479.566 443332.603 3748530.697
   AREAVERT PAREA4       443293.503 3748611.905 443251.395 3748712.663
   AREAVERT PAREA4       443209.287 3748790.863
   SRCPARAM PAREA5             1.0     5.000        20
   AREAVERT PAREA5       443873.644 3748118.366 443882.279 3748064.983
   AREAVERT PAREA5       443862.653 3748011.599 443847.737 3747958.216
   AREAVERT PAREA5       443832.036 3747860.085 443916.036 3747950.365
   AREAVERT PAREA5       444118.579 3748167.039 444155.477 3748217.282
   AREAVERT PAREA5       444117.794 3748262.030 444093.458 3748236.909
   AREAVERT PAREA5       444086.392 3748239.264 444050.280 3748291.862
   AREAVERT PAREA5       444026.728 3748267.526 444022.018 3748227.488
   AREAVERT PAREA5       444056.560 3748159.189 444064.411 3748157.619
   AREAVERT PAREA5       443957.644 3748061.843 443943.513 3748085.394
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   AREAVERT PAREA5       443926.242 3748122.291 443904.261 3748144.273
** LINE VOLUME Source ID = SLINE3
   SRCPARAM L0000569     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000570     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000571     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000572     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000573     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000574     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000575     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000576     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000577     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000578     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000579     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000580     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000581     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000582     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000583     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000584     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000585     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000586     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000587     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000588     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000589     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000590     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000591     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000592     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000593     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000594     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000595     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000596     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000597     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000598     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000599     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000600     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000601     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000602     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000603     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000604     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000605     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000606     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000607     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000608     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000609     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000610     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000611     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000612     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000613     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000614     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000615     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000616     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000617     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000618     0.0080645161      3.11      4.19      1.45
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SRCPARAM L0000619     0.0080645161      3.11      4.19      1.45
SRCPARAM L0000620     0.0080645161      3.11      4.19      1.45
SRCPARAM L0000621     0.0080645161      3.11      4.19      1.45
SRCPARAM L0000622     0.0080645161      3.11      4.19      1.45
SRCPARAM L0000623     0.0080645161      3.11      4.19      1.45
SRCPARAM L0000624     0.0080645161      3.11      4.19      1.45
SRCPARAM L0000625     0.0080645161      3.11      4.19      1.45
SRCPARAM L0000626     0.0080645161      3.11      4.19      1.45
SRCPARAM L0000627     0.0080645161      3.11      4.19      1.45
SRCPARAM L0000628     0.0080645161      3.11      4.19      1.45
SRCPARAM L0000629     0.0080645161      3.11      4.19      1.45
SRCPARAM L0000630     0.0080645161      3.11      4.19      1.45
SRCPARAM L0000631     0.0080645161      3.11      4.19      1.45
SRCPARAM L0000632     0.0080645161      3.11      4.19      1.45
SRCPARAM L0000633     0.0080645161      3.11      4.19      1.45
SRCPARAM L0000634     0.0080645161      3.11      4.19      1.45
SRCPARAM L0000635     0.0080645161      3.11      4.19      1.45
SRCPARAM L0000636     0.0080645161      3.11      4.19      1.45
SRCPARAM L0000637     0.0080645161      3.11      4.19      1.45
SRCPARAM L0000638     0.0080645161      3.11      4.19      1.45
SRCPARAM L0000639     0.0080645161      3.11      4.19      1.45
SRCPARAM L0000640     0.0080645161      3.11      4.19      1.45
SRCPARAM L0000641     0.0080645161      3.11      4.19      1.45
SRCPARAM L0000642     0.0080645161      3.11      4.19      1.45
SRCPARAM L0000643     0.0080645161      3.11      4.19      1.45
SRCPARAM L0000644     0.0080645161      3.11      4.19      1.45
SRCPARAM L0000645     0.0080645161      3.11      4.19      1.45
SRCPARAM L0000646     0.0080645161      3.11      4.19      1.45
SRCPARAM L0000647     0.0080645161      3.11      4.19      1.45
SRCPARAM L0000648     0.0080645161      3.11      4.19      1.45
SRCPARAM L0000649     0.0080645161      3.11      4.19      1.45
SRCPARAM L0000650     0.0080645161      3.11      4.19      1.45
SRCPARAM L0000651     0.0080645161      3.11      4.19      1.45
SRCPARAM L0000652     0.0080645161      3.11      4.19      1.45
SRCPARAM L0000653     0.0080645161      3.11      4.19      1.45
SRCPARAM L0000654     0.0080645161      3.11      4.19      1.45
SRCPARAM L0000655     0.0080645161      3.11      4.19      1.45
SRCPARAM L0000656     0.0080645161      3.11      4.19      1.45
SRCPARAM L0000657     0.0080645161      3.11      4.19      1.45
SRCPARAM L0000658     0.0080645161      3.11      4.19      1.45
SRCPARAM L0000659     0.0080645161      3.11      4.19      1.45
SRCPARAM L0000660     0.0080645161      3.11      4.19      1.45
SRCPARAM L0000661     0.0080645161      3.11      4.19      1.45
SRCPARAM L0000662     0.0080645161      3.11      4.19      1.45
SRCPARAM L0000663     0.0080645161      3.11      4.19      1.45
SRCPARAM L0000664     0.0080645161      3.11      4.19      1.45
SRCPARAM L0000665     0.0080645161      3.11      4.19      1.45
SRCPARAM L0000666     0.0080645161      3.11      4.19      1.45
SRCPARAM L0000667     0.0080645161      3.11      4.19      1.45
SRCPARAM L0000668     0.0080645161      3.11      4.19      1.45
SRCPARAM L0000669     0.0080645161      3.11      4.19      1.45
SRCPARAM L0000670     0.0080645161      3.11      4.19      1.45
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   SRCPARAM L0000671     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000672     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000673     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000674     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000675     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000676     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000677     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000678     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000679     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000680     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000681     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000682     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000683     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000684     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000685     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000686     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000687     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000688     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000689     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000690     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000691     0.0080645161      3.11      4.19      1.45
   SRCPARAM L0000692     0.0080645161      3.11      4.19      1.45
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   URBANSRC L0000693
   URBANSRC L0000694
   URBANSRC L0000695
   URBANSRC L0000696
   URBANSRC L0000697
   URBANSRC L0000698
   URBANSRC L0000699
   URBANSRC L0000700
   URBANSRC L0000701
   URBANSRC L0000702
   URBANSRC L0000703
   URBANSRC L0000704
   URBANSRC L0000705
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   URBANSRC L0000712
   URBANSRC L0000713
   URBANSRC L0000714
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   URBANSRC L0000716
   URBANSRC L0000717
   URBANSRC L0000718
   URBANSRC L0000719
   URBANSRC L0000720
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URBANSRC L0000722
URBANSRC L0000723
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URBANSRC L0000725
URBANSRC L0000726
URBANSRC L0000727
URBANSRC L0000728
URBANSRC L0000729
URBANSRC L0000730
URBANSRC PAREA4
URBANSRC PAREA5
URBANSRC L0000569
URBANSRC L0000570
URBANSRC L0000571
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URBANSRC L0000608
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URBANSRC L0000660
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   URBANSRC L0000662
   URBANSRC L0000663
   URBANSRC L0000664
   URBANSRC L0000665
   URBANSRC L0000666
   URBANSRC L0000667
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   URBANSRC L0000674
   URBANSRC L0000675
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   URBANSRC L0000681
   URBANSRC L0000682
   URBANSRC L0000683
   URBANSRC L0000684
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   URBANSRC L0000686
   URBANSRC L0000687
   URBANSRC L0000688
   URBANSRC L0000689
   URBANSRC L0000690
   URBANSRC L0000691
   URBANSRC L0000692

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT L0000693     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000693     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000693     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000693     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000694     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000694     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000694     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000694     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000695     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000695     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000695     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000695     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000696     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000696     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000696     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000696     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000697     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000697     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000697     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000697     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000698     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000698     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000698     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000698     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000699     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000699     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000699     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000699     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000700     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000700     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000700     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000700     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000701     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000701     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000701     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000701     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000702     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000702     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000702     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000702     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000703     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000703     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000703     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000703     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000704     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000704     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000704     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000704     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000705     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000705     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000705     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000705     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000706     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000706     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000706     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000706     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000707     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000707     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000707     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000707     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000708     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000708     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000708     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000708     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000709     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000709     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000709     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000709     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000710     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000710     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000710     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000710     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000711     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000711     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000711     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000711     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000712     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000712     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000712     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000712     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000713     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000713     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000713     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000713     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000714     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000714     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000714     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000714     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000715     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000715     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000715     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000715     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000716     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000716     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000716     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000716     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000717     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000717     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000717     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000717     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000718     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000718     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000718     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000718     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000719     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000719     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000719     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000719     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000720     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000720     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000720     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000720     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000721     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000721     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000721     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000721     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000722     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000722     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000722     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000722     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000723     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000723     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000723     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000723     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000724     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000724     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0000724     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000725     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000725     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000725     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000725     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000726     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000726     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
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** Saturday:
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   EMISFACT L0000697     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Sunday:
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** WeekDays:
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA4       HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PAREA5       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA5       HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA5       HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT PAREA5       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA5       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA5       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA5       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA5       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA5       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA5       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA5       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA5       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP Line1    L0000693 L0000694 L0000695 L0000696 L0000697
L0000698
   SRCGROUP Line1    L0000699 L0000700 L0000701 L0000702 L0000703
L0000704
   SRCGROUP Line1    L0000705 L0000706 L0000707 L0000708 L0000709
L0000710
   SRCGROUP Line1    L0000711 L0000712 L0000713 L0000714 L0000715
L0000716
   SRCGROUP Line1    L0000717 L0000718 L0000719 L0000720 L0000721
L0000722
   SRCGROUP Line1    L0000723 L0000724 L0000725 L0000726 L0000727
L0000728
   SRCGROUP Line1    L0000729 L0000730
```

```
   SRCGROUP Area4    PAREA4
   SRCGROUP Line3    L0000569 L0000570 L0000571 L0000572 L0000573
L0000574
   SRCGROUP Line3    L0000575 L0000576 L0000577 L0000578 L0000579
L0000580
   SRCGROUP Line3    L0000581 L0000582 L0000583 L0000584 L0000585
L0000586
   SRCGROUP Line3    L0000587 L0000588 L0000589 L0000590 L0000591
L0000592
   SRCGROUP Line3    L0000593 L0000594 L0000595 L0000596 L0000597
L0000598
   SRCGROUP Line3    L0000599 L0000600 L0000601 L0000602 L0000603
L0000604
   SRCGROUP Line3    L0000605 L0000606 L0000607 L0000608 L0000609
L0000610
   SRCGROUP Line3    L0000611 L0000612 L0000613 L0000614 L0000615
L0000616
   SRCGROUP Line3    L0000617 L0000618 L0000619 L0000620 L0000621
L0000622
   SRCGROUP Line3    L0000623 L0000624 L0000625 L0000626 L0000627
L0000628
   SRCGROUP Line3    L0000629 L0000630 L0000631 L0000632 L0000633
L0000634
   SRCGROUP Line3    L0000635 L0000636 L0000637 L0000638 L0000639
L0000640
   SRCGROUP Line3    L0000641 L0000642 L0000643 L0000644 L0000645
L0000646
   SRCGROUP Line3    L0000647 L0000648 L0000649 L0000650 L0000651
L0000652
   SRCGROUP Line3    L0000653 L0000654 L0000655 L0000656 L0000657
L0000658
   SRCGROUP Line3    L0000659 L0000660 L0000661 L0000662 L0000663
L0000664
   SRCGROUP Line3    L0000665 L0000666 L0000667 L0000668 L0000669
L0000670
   SRCGROUP Line3    L0000671 L0000672 L0000673 L0000674 L0000675
L0000676
   SRCGROUP Line3    L0000677 L0000678 L0000679 L0000680 L0000681
L0000682
   SRCGROUP Line3    L0000683 L0000684 L0000685 L0000686 L0000687
L0000688
   SRCGROUP Line3    L0000689 L0000690 L0000691 L0000692
   SRCGROUP Area5    PAREA5
   SRCGROUP ALL
SO FINISHED
**
****************************************
** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
```

```
   INCLUDED "Phase II only.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE ..\ChinoAirportADJU\KCNO_V9_ADJU\KCNO_v9.SFC
   PROFFILE ..\ChinoAirportADJU\KCNO_V9_ADJU\KCNO_v9.PFL
   SURFDATA 3179 2012
   UAIRDATA 3190 2012
   PROFBASE 198.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
** Auto-Generated Plotfiles
   PLOTFILE ANNUAL ALL "PHASE II ONLY.AD\AN00GALL.PLT" 31
   PLOTFILE ANNUAL Line1 "PHASE II ONLY.AD\AN00G001.PLT" 32
   PLOTFILE ANNUAL Area4 "PHASE II ONLY.AD\AN00G002.PLT" 33
   PLOTFILE ANNUAL Line3 "PHASE II ONLY.AD\AN00G003.PLT" 34
   PLOTFILE ANNUAL Area5 "PHASE II ONLY.AD\AN00G004.PLT" 35
   SUMMFILE "Phase II only.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

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

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


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


    ********   WARNING MESSAGES   ********
 ME W186    2630       MEOPEN: THRESH_1MIN 1-min ASOS wind speed
threshold used          0.50
 ME W187    2630       MEOPEN: ADJ_U* Option for Stable Low Winds used
in AERMET

 *********************************
```

```
 *** SETUP Finishes Successfully ***
 ************************************


 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                              ***     MODEL SETUP
OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

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

   --  DEPOSITION LOGIC  --
 **NO GAS DEPOSITION Data Provided.
 **NO PARTICLE DEPOSITION Data Provided.
 **Model Uses NO DRY DEPLETION.  DRYDPLT  =  F
 **Model Uses NO WET DEPLETION.  WETDPLT  =  F

 **Model Uses URBAN Dispersion Algorithm for the SBL for   164
Source(s),
   for Total of    1 Urban Area(s):
   Urban Population =    100000.0 ;  Urban Roughness Length =  1.000 m

 **Model Uses Regulatory DEFAULT Options:
        1. Stack-tip Downwash.
        2. Model Accounts for ELEVated Terrain Effects.
        3. Use Calms Processing Routine.
        4. Use Missing Data Processing Routine.
        5. No Exponential Decay.
        6. Urban Roughness Length of 1.0 Meter Assumed.

 **Other Options Specified:
        ADJ_U*   - Use ADJ_U* option for SBL in AERMET
        CCVR_Sub - Meteorological data includes CCVR substitutions
        TEMP_Sub - Meteorological data includes TEMP substitutions

 **Model Assumes No FLAGPOLE Receptor Heights.

 **The User Specified a Pollutant Type of:  DPM

 **Model Calculates ANNUAL Averages Only

 **This Run Includes:    164 Source(s);       5 Source Group(s); and
938 Receptor(s)
```

```
                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    162 VOLUME source(s)
                 and:      2 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with      0 line(s)


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

 **The AERMET Input Meteorological Data Version Date:  16216

 **Output Options Selected:
         Model Outputs Tables of ANNUAL Averages by Receptor
         Model Outputs External File(s) of High Values for Plotting
(PLOTFILE Keyword)
         Model Outputs Separate Summary File of High Ranked Values
(SUMMFILE Keyword)

 **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:  Base Elev. for Pot. Temp. Profile (m MSL) =
198.00 ;  Decay Coef. =    0.000     ;  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 =      4.0 MB of RAM.

 **Input Runstream File:          aermod.inp
 **Output Print File:             aermod.out

 **Detailed Error/Message File:   Phase II only.err
 **File for Summary of Results:   Phase II only.sum

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE SCALAR VARY BY
L0000693	0	0.26316E-01	443298.5	3749093.8	192.1	3.11	4.19	1.45	YES HRDOW
L0000694	0	0.26316E-01	443297.1	3749084.9	192.3	3.11	4.19	1.45	YES HRDOW
L0000695	0	0.26316E-01	443295.7	3749076.0	192.2	3.11	4.19	1.45	YES HRDOW
L0000696	0	0.26316E-01	443294.2	3749067.1	192.2	3.11	4.19	1.45	YES HRDOW
L0000697	0	0.26316E-01	443292.8	3749058.2	192.1	3.11	4.19	1.45	YES HRDOW
L0000698	0	0.26316E-01	443291.4	3749049.3	192.3	3.11	4.19	1.45	YES HRDOW
L0000699	0	0.26316E-01	443290.0	3749040.4	192.5	3.11	4.19	1.45	YES HRDOW
L0000700	0	0.26316E-01	443288.5	3749031.6	192.8	3.11	4.19	1.45	YES HRDOW
L0000701	0	0.26316E-01	443287.1	3749022.7	192.9	3.11	4.19	1.45	YES HRDOW
L0000702	0	0.26316E-01	443285.7	3749013.8	192.9	3.11	4.19	1.45	YES HRDOW
L0000703	0	0.26316E-01	443284.2	3749004.9	192.8	3.11	4.19	1.45	YES HRDOW
L0000704	0	0.26316E-01	443282.8	3748996.0	192.8	3.11	4.19	1.45	YES HRDOW
L0000705	0	0.26316E-01	443281.4	3748987.1	192.7	3.11	4.19	1.45	YES HRDOW
L0000706	0	0.26316E-01	443280.1	3748978.2	192.7	3.11	4.19	1.45	YES HRDOW
L0000707	0	0.26316E-01	443278.7	3748969.3	192.6	3.11	4.19	1.45	YES HRDOW
L0000708	0	0.26316E-01	443277.3	3748960.4	192.3	3.11	4.19	1.45	YES HRDOW
L0000709	0	0.26316E-01	443275.9	3748951.5	191.9	3.11	4.19	1.45	YES HRDOW
L0000710	0	0.26316E-01	443274.5	3748942.6	191.3	3.11	4.19	1.45	YES HRDOW
L0000711	0	0.26316E-01	443273.2	3748933.8	190.8	3.11	4.19	1.45	YES HRDOW
L0000712	0	0.26316E-01	443271.8	3748924.9	190.2	3.11	4.19	1.45	YES HRDOW

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 L0000713         0   0.26316E-01  443270.4 3748916.0   189.6     3.11
4.19     1.45     YES   HRDOW
 L0000714         0   0.26316E-01  443269.0 3748907.1   189.0     3.11
4.19     1.45     YES   HRDOW
 L0000715         0   0.26316E-01  443267.6 3748898.2   188.8     3.11
4.19     1.45     YES   HRDOW
 L0000716         0   0.26316E-01  443266.3 3748889.3   188.6     3.11
4.19     1.45     YES   HRDOW
 L0000717         0   0.26316E-01  443262.3 3748881.2   188.2     3.11
4.19     1.45     YES   HRDOW
 L0000718         0   0.26316E-01  443258.3 3748873.2   188.0     3.11
4.19     1.45     YES   HRDOW
 L0000719         0   0.26316E-01  443254.3 3748865.1   188.1     3.11
4.19     1.45     YES   HRDOW
 L0000720         0   0.26316E-01  443250.2 3748857.1   188.2     3.11
4.19     1.45     YES   HRDOW
 L0000721         0   0.26316E-01  443246.2 3748849.0   188.4     3.11
4.19     1.45     YES   HRDOW
 L0000722         0   0.26316E-01  443241.6 3748841.3   188.5     3.11
4.19     1.45     YES   HRDOW
 L0000723         0   0.26316E-01  443236.5 3748833.9   188.6     3.11
4.19     1.45     YES   HRDOW
 L0000724         0   0.26316E-01  443231.4 3748826.5   188.7     3.11
4.19     1.45     YES   HRDOW
 L0000725         0   0.26316E-01  443226.3 3748819.0   189.1     3.11
4.19     1.45     YES   HRDOW
 L0000726         0   0.26316E-01  443219.7 3748813.4   190.1     3.11
4.19     1.45     YES   HRDOW
 L0000727         0   0.26316E-01  443211.7 3748809.2   191.3     3.11
4.19     1.45     YES   HRDOW
 L0000728         0   0.26316E-01  443203.7 3748805.1   192.6     3.11
4.19     1.45     YES   HRDOW
 L0000729         0   0.26316E-01  443195.7 3748800.9   193.1     3.11
4.19     1.45     YES   HRDOW
 L0000730         0   0.26316E-01  443187.8 3748796.7   192.5     3.11
4.19     1.45     YES   HRDOW
 L0000569         0   0.80645E-02  444183.0 3748959.9   208.2     3.11
4.19     1.45     YES   HRDOW
 L0000570         0   0.80645E-02  444191.9 3748958.3   208.3     3.11
4.19     1.45     YES   HRDOW

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                      *** VOLUME SOURCE
DATA ***
```

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE VARY BY
L0000571	0	0.80645E-02	444200.7	3748956.7	208.3	3.11	4.19	1.45	YES HRDOW
L0000572	0	0.80645E-02	444209.6	3748955.1	208.4	3.11	4.19	1.45	YES HRDOW
L0000573	0	0.80645E-02	444218.5	3748953.5	208.4	3.11	4.19	1.45	YES HRDOW
L0000574	0	0.80645E-02	444227.3	3748952.0	208.5	3.11	4.19	1.45	YES HRDOW
L0000575	0	0.80645E-02	444236.2	3748950.4	208.5	3.11	4.19	1.45	YES HRDOW
L0000576	0	0.80645E-02	444245.0	3748948.8	208.6	3.11	4.19	1.45	YES HRDOW
L0000577	0	0.80645E-02	444253.9	3748947.2	208.6	3.11	4.19	1.45	YES HRDOW
L0000578	0	0.80645E-02	444262.8	3748945.7	208.7	3.11	4.19	1.45	YES HRDOW
L0000579	0	0.80645E-02	444271.6	3748944.1	208.7	3.11	4.19	1.45	YES HRDOW
L0000580	0	0.80645E-02	444280.5	3748942.5	208.8	3.11	4.19	1.45	YES HRDOW
L0000581	0	0.80645E-02	444289.3	3748940.9	209.2	3.11	4.19	1.45	YES HRDOW
L0000582	0	0.80645E-02	444298.2	3748939.3	209.5	3.11	4.19	1.45	YES HRDOW
L0000583	0	0.80645E-02	444307.1	3748937.8	209.9	3.11	4.19	1.45	YES HRDOW
L0000584	0	0.80645E-02	444315.9	3748936.2	210.0	3.11	4.19	1.45	YES HRDOW
L0000585	0	0.80645E-02	444324.8	3748934.6	210.0	3.11	4.19	1.45	YES HRDOW
L0000586	0	0.80645E-02	444333.6	3748933.0	210.0	3.11	4.19	1.45	YES HRDOW
L0000587	0	0.80645E-02	444342.5	3748931.5	210.1	3.11	4.19	1.45	YES HRDOW
L0000588	0	0.80645E-02	444351.4	3748929.9	210.4	3.11	4.19	1.45	YES HRDOW
L0000589	0	0.80645E-02	444360.2	3748928.3	210.7	3.11	4.19	1.45	YES HRDOW
L0000590	0	0.80645E-02	444369.1	3748926.7	211.0	3.11	4.19	1.45	YES HRDOW
L0000591	0	0.80645E-02	444378.0	3748925.1	211.0	3.11	4.19	1.45	YES HRDOW

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 L0000592          0   0.80645E-02  444386.8 3748923.6   211.0     3.11
4.19     1.45     YES   HRDOW
 L0000593          0   0.80645E-02  444387.7 3748916.4   211.0     3.11
4.19     1.45     YES   HRDOW
 L0000594          0   0.80645E-02  444386.2 3748907.6   211.0     3.11
4.19     1.45     YES   HRDOW
 L0000595          0   0.80645E-02  444384.6 3748898.7   211.1     3.11
4.19     1.45     YES   HRDOW
 L0000596          0   0.80645E-02  444383.0 3748889.8   211.2     3.11
4.19     1.45     YES   HRDOW
 L0000597          0   0.80645E-02  444381.5 3748881.0   211.3     3.11
4.19     1.45     YES   HRDOW
 L0000598          0   0.80645E-02  444379.9 3748872.1   211.5     3.11
4.19     1.45     YES   HRDOW
 L0000599          0   0.80645E-02  444378.3 3748863.3   211.7     3.11
4.19     1.45     YES   HRDOW
 L0000600          0   0.80645E-02  444376.8 3748854.4   212.0     3.11
4.19     1.45     YES   HRDOW
 L0000601          0   0.80645E-02  444375.2 3748845.5   212.2     3.11
4.19     1.45     YES   HRDOW
 L0000602          0   0.80645E-02  444373.6 3748836.7   212.4     3.11
4.19     1.45     YES   HRDOW
 L0000603          0   0.80645E-02  444372.1 3748827.8   212.7     3.11
4.19     1.45     YES   HRDOW
 L0000604          0   0.80645E-02  444370.5 3748818.9   212.9     3.11
4.19     1.45     YES   HRDOW
 L0000605          0   0.80645E-02  444369.0 3748810.1   213.0     3.11
4.19     1.45     YES   HRDOW
 L0000606          0   0.80645E-02  444367.4 3748801.2   213.0     3.11
4.19     1.45     YES   HRDOW
 L0000607          0   0.80645E-02  444365.8 3748792.4   213.0     3.11
4.19     1.45     YES   HRDOW
 L0000608          0   0.80645E-02  444364.3 3748783.5   213.1     3.11
4.19     1.45     YES   HRDOW
 L0000609          0   0.80645E-02  444362.7 3748774.6   213.4     3.11
4.19     1.45     YES   HRDOW
 L0000610          0   0.80645E-02  444361.1 3748765.8   213.7     3.11
4.19     1.45     YES   HRDOW

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                      *** VOLUME SOURCE
DATA ***
```

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC)	SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN
L0000611	0	0.80645E-02	HRDOW	444359.6	3748756.9	214.0	3.11	4.19	1.45	YES
L0000612	0	0.80645E-02	HRDOW	444358.0	3748748.0	214.3	3.11	4.19	1.45	YES
L0000613	0	0.80645E-02	HRDOW	444356.4	3748739.2	214.6	3.11	4.19	1.45	YES
L0000614	0	0.80645E-02	HRDOW	444354.9	3748730.3	214.9	3.11	4.19	1.45	YES
L0000615	0	0.80645E-02	HRDOW	444352.2	3748721.8	215.2	3.11	4.19	1.45	YES
L0000616	0	0.80645E-02	HRDOW	444348.9	3748713.4	215.4	3.11	4.19	1.45	YES
L0000617	0	0.80645E-02	HRDOW	444345.7	3748705.0	215.7	3.11	4.19	1.45	YES
L0000618	0	0.80645E-02	HRDOW	444342.4	3748696.6	216.0	3.11	4.19	1.45	YES
L0000619	0	0.80645E-02	HRDOW	444339.2	3748688.2	216.0	3.11	4.19	1.45	YES
L0000620	0	0.80645E-02	HRDOW	444335.9	3748679.8	216.1	3.11	4.19	1.45	YES
L0000621	0	0.80645E-02	HRDOW	444332.6	3748671.4	216.2	3.11	4.19	1.45	YES
L0000622	0	0.80645E-02	HRDOW	444329.4	3748663.0	216.5	3.11	4.19	1.45	YES
L0000623	0	0.80645E-02	HRDOW	444326.1	3748654.7	217.0	3.11	4.19	1.45	YES
L0000624	0	0.80645E-02	HRDOW	444322.8	3748646.3	217.5	3.11	4.19	1.45	YES
L0000625	0	0.80645E-02	HRDOW	444319.6	3748637.9	217.9	3.11	4.19	1.45	YES
L0000626	0	0.80645E-02	HRDOW	444316.3	3748629.5	218.2	3.11	4.19	1.45	YES
L0000627	0	0.80645E-02	HRDOW	444312.3	3748621.6	218.5	3.11	4.19	1.45	YES
L0000628	0	0.80645E-02	HRDOW	444306.4	3748614.8	218.7	3.11	4.19	1.45	YES
L0000629	0	0.80645E-02	HRDOW	444300.5	3748608.0	218.9	3.11	4.19	1.45	YES
L0000630	0	0.80645E-02	HRDOW	444294.5	3748601.2	219.2	3.11	4.19	1.45	YES
L0000631	0	0.80645E-02	HRDOW	444288.6	3748594.4	219.4	3.11	4.19	1.45	YES

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 L0000632         0   0.80645E-02  444282.7 3748587.6   219.6     3.11
4.19     1.45     YES   HRDOW
 L0000633         0   0.80645E-02  444276.8 3748580.9   219.8     3.11
4.19     1.45     YES   HRDOW
 L0000634         0   0.80645E-02  444270.9 3748574.1   220.1     3.11
4.19     1.45     YES   HRDOW
 L0000635         0   0.80645E-02  444265.0 3748567.3   220.3     3.11
4.19     1.45     YES   HRDOW
 L0000636         0   0.80645E-02  444259.1 3748560.5   220.5     3.11
4.19     1.45     YES   HRDOW
 L0000637         0   0.80645E-02  444253.2 3748553.7   220.8     3.11
4.19     1.45     YES   HRDOW
 L0000638         0   0.80645E-02  444247.2 3748546.9   221.0     3.11
4.19     1.45     YES   HRDOW
 L0000639         0   0.80645E-02  444241.3 3748540.1   221.1     3.11
4.19     1.45     YES   HRDOW
 L0000640         0   0.80645E-02  444235.4 3748533.4   221.2     3.11
4.19     1.45     YES   HRDOW
 L0000641         0   0.80645E-02  444229.5 3748526.6   221.4     3.11
4.19     1.45     YES   HRDOW
 L0000642         0   0.80645E-02  444223.6 3748519.8   221.8     3.11
4.19     1.45     YES   HRDOW
 L0000643         0   0.80645E-02  444217.7 3748513.0   222.1     3.11
4.19     1.45     YES   HRDOW
 L0000644         0   0.80645E-02  444211.8 3748506.2   222.0     3.11
4.19     1.45     YES   HRDOW
 L0000645         0   0.80645E-02  444205.9 3748499.4   221.9     3.11
4.19     1.45     YES   HRDOW
 L0000646         0   0.80645E-02  444200.0 3748492.6   221.6     3.11
4.19     1.45     YES   HRDOW
 L0000647         0   0.80645E-02  444194.0 3748485.9   221.3     3.11
4.19     1.45     YES   HRDOW
 L0000648         0   0.80645E-02  444188.1 3748479.1   221.0     3.11
4.19     1.45     YES   HRDOW
 L0000649         0   0.80645E-02  444182.2 3748472.3   221.2     3.11
4.19     1.45     YES   HRDOW
 L0000650         0   0.80645E-02  444176.3 3748465.5   221.4     3.11
4.19     1.45     YES   HRDOW

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                      *** VOLUME SOURCE
DATA ***
```

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN
L0000651	0	0.80645E-02	444170.4	3748458.7	221.7	3.11	4.19	1.45	YES HRDOW
L0000652	0	0.80645E-02	444164.5	3748451.9	221.3	3.11	4.19	1.45	YES HRDOW
L0000653	0	0.80645E-02	444158.6	3748445.1	221.0	3.11	4.19	1.45	YES HRDOW
L0000654	0	0.80645E-02	444152.7	3748438.4	220.8	3.11	4.19	1.45	YES HRDOW
L0000655	0	0.80645E-02	444146.7	3748431.6	220.6	3.11	4.19	1.45	YES HRDOW
L0000656	0	0.80645E-02	444140.8	3748424.8	220.4	3.11	4.19	1.45	YES HRDOW
L0000657	0	0.80645E-02	444134.9	3748418.0	220.4	3.11	4.19	1.45	YES HRDOW
L0000658	0	0.80645E-02	444129.0	3748411.2	220.5	3.11	4.19	1.45	YES HRDOW
L0000659	0	0.80645E-02	444123.1	3748404.4	220.7	3.11	4.19	1.45	YES HRDOW
L0000660	0	0.80645E-02	444117.2	3748397.6	221.0	3.11	4.19	1.45	YES HRDOW
L0000661	0	0.80645E-02	444111.3	3748390.9	221.0	3.11	4.19	1.45	YES HRDOW
L0000662	0	0.80645E-02	444105.4	3748384.1	221.0	3.11	4.19	1.45	YES HRDOW
L0000663	0	0.80645E-02	444099.4	3748377.3	221.0	3.11	4.19	1.45	YES HRDOW
L0000664	0	0.80645E-02	444093.5	3748370.5	220.8	3.11	4.19	1.45	YES HRDOW
L0000665	0	0.80645E-02	444087.6	3748363.7	220.5	3.11	4.19	1.45	YES HRDOW
L0000666	0	0.80645E-02	444081.7	3748356.9	219.9	3.11	4.19	1.45	YES HRDOW
L0000667	0	0.80645E-02	444075.8	3748350.1	219.2	3.11	4.19	1.45	YES HRDOW
L0000668	0	0.80645E-02	444069.9	3748343.4	218.5	3.11	4.19	1.45	YES HRDOW
L0000669	0	0.80645E-02	444064.0	3748336.6	217.1	3.11	4.19	1.45	YES HRDOW
L0000670	0	0.80645E-02	444058.0	3748329.9	216.0	3.11	4.19	1.45	YES HRDOW
L0000671	0	0.80645E-02	444051.8	3748323.3	214.9	3.11	4.19	1.45	YES HRDOW

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 L0000672         0   0.80645E-02  444045.6 3748316.8   213.9     3.11
4.19     1.45     YES   HRDOW
 L0000673         0   0.80645E-02  444039.4 3748310.2   213.0     3.11
4.19     1.45     YES   HRDOW
 L0000674         0   0.80645E-02  444033.3 3748303.7   212.9     3.11
4.19     1.45     YES   HRDOW
 L0000675         0   0.80645E-02  444027.1 3748297.1   213.0     3.11
4.19     1.45     YES   HRDOW
 L0000676         0   0.80645E-02  444020.9 3748290.6   213.2     3.11
4.19     1.45     YES   HRDOW
 L0000677         0   0.80645E-02  444014.8 3748284.0   213.5     3.11
4.19     1.45     YES   HRDOW
 L0000678         0   0.80645E-02  444008.6 3748277.4   213.9     3.11
4.19     1.45     YES   HRDOW
 L0000679         0   0.80645E-02  444002.4 3748270.9   214.1     3.11
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 L0000680         0   0.80645E-02  443996.3 3748264.3   214.4     3.11
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 L0000681         0   0.80645E-02  443990.1 3748257.8   214.6     3.11
4.19     1.45     YES   HRDOW
 L0000682         0   0.80645E-02  443983.9 3748251.2   214.8     3.11
4.19     1.45     YES   HRDOW
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4.19     1.45     YES   HRDOW
 L0000684         0   0.80645E-02  443971.6 3748238.1   215.3     3.11
4.19     1.45     YES   HRDOW
 L0000685         0   0.80645E-02  443965.4 3748231.6   215.5     3.11
4.19     1.45     YES   HRDOW
 L0000686         0   0.80645E-02  443959.3 3748225.0   215.8     3.11
4.19     1.45     YES   HRDOW
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4.19     1.45     YES   HRDOW
 L0000688         0   0.80645E-02  443946.9 3748211.9   216.2     3.11
4.19     1.45     YES   HRDOW
 L0000689         0   0.80645E-02  443940.8 3748205.4   216.4     3.11
4.19     1.45     YES   HRDOW
 L0000690         0   0.80645E-02  443934.6 3748198.8   216.7     3.11
4.19     1.45     YES   HRDOW

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                      *** VOLUME SOURCE
DATA ***
```

```
               NUMBER EMISSION RATE                      BASE    RELEASE
INIT.    INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT
SY       SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS)
(METERS) (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 L0000691         0   0.80645E-02  443928.4 3748192.2   216.9     3.11
4.19     1.45     YES   HRDOW
 L0000692         0   0.80645E-02  443922.3 3748185.7   217.1     3.11
4.19     1.45     YES   HRDOW

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                *** AREAPOLY SOURCE
DATA ***

               NUMBER EMISSION RATE   LOCATION OF AREA  BASE
RELEASE  NUMBER      INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC       X        Y      ELEV.
HEIGHT  OF VERTS.     SZ     SOURCE  SCALAR VARY
     ID         CATS.   /METER**2)   (METERS) (METERS) (METERS)
(METERS)            (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 PAREA4           0   0.10000E+01  443204.8 3748790.9   194.9     5.00
17         0.00     YES   HRDOW
 PAREA5           0   0.10000E+01  443873.6 3748118.4   219.1     5.00
20         0.00     YES   HRDOW

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                             *** SOURCE IDs DEFINING
SOURCE GROUPS ***
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SRCGROUP ID	SOURCE IDs
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	L0000709 , L0000710 , L0000711 , L0000712 , L0000713 , L0000714 , L0000715 , L0000716 ,
	L0000717 , L0000718 , L0000719 , L0000720 , L0000721 , L0000722 , L0000723 , L0000724 ,
	L0000725 , L0000726 , L0000727 , L0000728 , L0000729 , L0000730 ,
AREA4	PAREA4 ,
LINE3	L0000569 , L0000570 , L0000571 , L0000572 , L0000573 , L0000574 , L0000575 , L0000576 ,
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	L0000625 , L0000626 , L0000627 , L0000628 , L0000629 , L0000630 , L0000631 , L0000632 ,
	L0000633 , L0000634 , L0000635 , L0000636 , L0000637 , L0000638 , L0000639 , L0000640 ,
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                              *** SOURCE IDs DEFINING
SOURCE GROUPS ***

 SRCGROUP ID                                                SOURCE IDs
 -----------                                                ----------


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  AREA5      PAREA5      ,

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L0000721    , L0000722    , L0000723    , L0000724    ,

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L0000729    , L0000730    , PAREA4      , PAREA5      ,

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING
SOURCE GROUPS ***

 SRCGROUP ID                                              SOURCE IDs
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINED AS
URBAN SOURCES ***

  URBAN ID   URBAN POP                                    SOURCE IDs
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L0000721    , L0000722    , L0000723    , L0000724    ,

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L0000729    , L0000730    , PAREA4      , PAREA5      ,

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINED AS
URBAN SOURCES ***

  URBAN ID   URBAN POP                                    SOURCE IDs
  --------   ---------                                    ----------


             L0000689    , L0000690    , L0000691    , L0000692    ,
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000693 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000694 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

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 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000695     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000696     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000697 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** AERMOD - VERSION 18081 *** *** C:\Users\xli\Desktop\5082.0001 Trails of Corona\HRA\Construction HRA *** 12/21/18
*** AERMET - VERSION 16216 *** ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000698 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000699     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000700     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000701     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
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***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000702     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000703     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000704     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *
```

```
 SOURCE ID = L0000705     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                  DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000706     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                  DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000707     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000708 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000709 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

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 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000710     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000711     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
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***        11:21:37
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000712 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000713 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000714     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
```

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000715     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000716     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000717     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000718     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000719     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *
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```
 SOURCE ID = L0000720     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000721     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000722     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000723 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000724 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

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 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000725     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000726     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000727 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000728 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000729     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000730     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = PAREA4       ; SOURCE TYPE = AREAPOLY :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = PAREA5       ; SOURCE TYPE = AREAPOLY :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000569     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000570     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *
```

```
 SOURCE ID = L0000571     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000572     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000573     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000574 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000575 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

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 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000576     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000577     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000578   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                    DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00
5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01
13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00
21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00
5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00
13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00
21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00
5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00
13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00
21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** AERMOD - VERSION 18081 ***   *** C:\Users\xli\Desktop\5082.0001
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 *** AERMET - VERSION 16216 ***   ***
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000579   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                    DAY OF WEEK = WEEKDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000580     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000581     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000582     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000583     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000584     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000585     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

PAGE  70
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *
```

```
 SOURCE ID = L0000586     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                  DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000587     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                  DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000588     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000589 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000590 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

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 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000591     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000592     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000593 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000594 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000595     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
```

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000596     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

PAGE  81
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000597     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000598     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000599     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
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```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

PAGE  84
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000600     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *
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```
 SOURCE ID = L0000601     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000602     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000603     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000604 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00
5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00
5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00
5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000605 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

```
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000606     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000607     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000608 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000609 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000610     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
```

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000611     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000612     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000613     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000614     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000615     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *
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```
 SOURCE ID = L0000616     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000617     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
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***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000618     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000619 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000620 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

```
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000621     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000622     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000623   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                  DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00
5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01
13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00
21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00
5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00
13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00
21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00
5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00
13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00
21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** AERMOD - VERSION 18081 ***   *** C:\Users\xli\Desktop\5082.0001
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000624   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                  DAY OF WEEK = WEEKDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000625     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000626     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000627     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000628     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000629     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000630     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *
```

```
 SOURCE ID = L0000631     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000632     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000633     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000634 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000635 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

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 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000636     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
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***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000637     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000638   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                  DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00
5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01
13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00
21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00
5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00
13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00
21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00
5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00
13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00
21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** AERMOD - VERSION 18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***   12/21/18
 *** AERMET - VERSION 16216 ***   ***
***   11:21:37

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000639   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                  DAY OF WEEK = WEEKDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000640     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
```

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000641     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                  DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000642     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000643     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000644     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000645     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *
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```
 SOURCE ID = L0000646     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000647     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000648     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000649 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000650 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

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 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000651     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000652     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000653 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00
5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00
5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00
5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** AERMOD - VERSION 18081 *** *** C:\Users\xli\Desktop\5082.0001 Trails of Corona\HRA\Construction HRA *** 12/21/18
*** AERMET - VERSION 16216 *** ***
*** 11:21:37

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000654 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000655     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
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***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000656     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                  DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000657     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000658     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000659     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000660     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *
```

```
 SOURCE ID = L0000661     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000662     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000663     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000664 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000665 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

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 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000666     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000667     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000668   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                  DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00
5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01
13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00
21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00
5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00
13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00
21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00
5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00
13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00
21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** AERMOD - VERSION 18081 ***   *** C:\Users\xli\Desktop\5082.0001
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 *** AERMET - VERSION 16216 ***   ***
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000669   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                  DAY OF WEEK = WEEKDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000670     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000671     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000672     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000673     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000674     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000675     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *
```

```
 SOURCE ID = L0000676     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000677     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000678     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000679 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000680 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

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 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000681     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000682     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000683 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000684 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000685     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
```

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000686     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000687     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000688     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000689     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000690     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *
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```
 SOURCE ID = L0000691     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000692     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01
13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00
5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

PAGE 177
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                          *** GRIDDED RECEPTOR NETWORK
SUMMARY ***

                                      *** NETWORK ID: UCART1   ;  NETWORK
TYPE: GRIDCART ***

                                            *** X-COORDINATES OF GRID
***
                                                    (METERS)

       443543.6,  443581.4,  443619.1,  443656.9,  443694.7,  443732.4,

                                            *** Y-COORDINATES OF GRID
***
                                                    (METERS)

      3748016.2, 3748046.7, 3748077.1, 3748107.6, 3748138.0, 3748168.5,

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

PAGE 178
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                      *** NETWORK ID: UCART1   ;  NETWORK
TYPE: GRIDCART ***
```

```
                                                     * ELEVATION HEIGHTS IN
METERS *

    Y-COORD  |                                                    X-COORD
(METERS)
    (METERS) |     443543.62    443581.38    443619.14    443656.90
443694.66    443732.42
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  3748168.50 |        216.80       218.80       220.60       220.20
218.30       218.70
  3748138.04 |        217.00       219.20       221.00       221.10
219.10       219.40
  3748107.58 |        218.00       219.30       221.00       221.50
219.50       220.20
  3748077.12 |        219.70       220.80       221.00       221.50
219.80       220.70
  3748046.66 |        221.10       222.40       222.90       222.20
220.30       221.30
  3748016.20 |        221.80       223.40       224.00       223.80
222.50       223.70

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
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***        11:21:37

PAGE 179
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                  *** NETWORK ID: UCART1   ;  NETWORK
TYPE: GRIDCART ***

                                                     * HILL HEIGHT SCALES
IN METERS *

    Y-COORD  |                                                    X-COORD
(METERS)
    (METERS) |     443543.62    443581.38    443619.14    443656.90
443694.66    443732.42
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  3748168.50 |       1224.00      1224.00      1224.00      1224.00
1224.00      1224.00
  3748138.04 |       1224.00      1224.00      1224.00      1224.00
1224.00      1224.00
  3748107.58 |       1224.00      1224.00      1224.00      1224.00
1224.00      1224.00
  3748077.12 |       1224.00      1224.00      1224.00      1224.00
1224.00      1224.00
```

```
  3748046.66 |       1224.00      1224.00      1224.00      1224.00
1224.00      1224.00
  3748016.20 |       1224.00      1224.00      1224.00      1224.00
1224.00      1224.00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

PAGE 180
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                        *** GRIDDED RECEPTOR NETWORK
SUMMARY ***

                                    *** NETWORK ID: UCART2   ;  NETWORK
TYPE: GRIDCART ***

                                          *** X-COORDINATES OF GRID
***
                                                   (METERS)

       444173.0,  444273.0,  444373.0,  444473.0,  444573.0,  444673.0,
444773.0,  444873.0,  444973.0,  445073.0,
       445173.0,  445273.0,  445373.0,  445473.0,  445573.0,

                                          *** Y-COORDINATES OF GRID
***
                                                   (METERS)

      3747085.8, 3747185.8, 3747285.8, 3747385.8, 3747485.8, 3747585.8,
3747685.8, 3747785.8, 3747885.8, 3747985.8,
      3748085.8, 3748185.8, 3748285.8, 3748385.8, 3748485.8,

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
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PAGE 181
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                    *** NETWORK ID: UCART2   ;  NETWORK
TYPE: GRIDCART ***

                                                 * ELEVATION HEIGHTS IN
METERS *

    Y-COORD  |                                                  X-COORD
(METERS)
```

```
    (METERS) |     444172.99    444272.99    444372.99    444472.99
444572.99    444672.99    444772.99    444872.99    444972.99
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  3748485.77 |        221.50       222.80       222.00       222.00
222.00       222.00       222.00       221.00       221.10
  3748385.77 |        221.80       224.30       225.30       225.30
225.80       225.30       224.50       224.30       225.30
  3748285.77 |        223.50       226.50       227.70       228.70
228.70       228.70       227.70       227.70       227.70
  3748185.77 |        223.20       228.00       231.00       232.00
232.00       232.00       232.00       230.00       230.00
  3748085.77 |        220.70       228.30       232.00       233.30
234.00       234.00       233.20       232.30       232.30
  3747985.77 |        219.90       225.80       231.40       234.50
235.70       235.70       235.40       234.70       234.70
  3747885.77 |        229.50       229.00       229.10       232.90
237.80       237.90       237.00       237.00       237.00
  3747785.77 |        233.50       233.10       231.50       236.80
239.30       240.30       239.30       239.30       239.30
  3747685.77 |        237.70       237.40       236.80       239.80
242.70       242.70       242.40       241.70       241.60
  3747585.77 |        243.00       243.00       239.90       240.70
245.00       245.00       244.00       244.00       244.00
  3747485.77 |        247.30       246.60       243.20       242.50
245.40       247.90       247.30       247.10       246.30
  3747385.77 |        251.90       249.80       247.60       246.10
244.10       249.10       249.70       249.70       249.00
  3747285.77 |        256.60       254.00       252.00       251.00
251.00       252.00       252.60       252.00       252.00
  3747185.77 |        262.20       257.90       255.30       255.20
255.30       255.30       255.90       255.30       254.30
  3747085.77 |        269.10       263.90       261.00       259.40
259.40       258.70       258.70       258.10       257.70

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
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***        11:21:37

PAGE 182
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                  *** NETWORK ID: UCART2   ;  NETWORK
TYPE: GRIDCART ***

                                                 * ELEVATION HEIGHTS IN
METERS *

    Y-COORD  |                                                  X-COORD
(METERS)
```

```
    (METERS) |     445072.99    445172.99    445272.99    445372.99
445472.99    445572.99
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  3748485.77 |        222.00       221.00       220.90       219.00
218.20       217.10
  3748385.77 |        224.30       224.30       223.30       222.20
220.50       220.30
  3748285.77 |        227.00       226.70       225.60       224.70
223.70       222.70
  3748185.77 |        229.60       229.00       228.00       227.00
226.00       225.00
  3748085.77 |        232.00       231.30       230.30       228.90
228.10       227.30
  3747985.77 |        234.00       233.70       231.90       231.00
230.70       229.70
  3747885.77 |        237.00       235.20       233.90       233.00
233.00       232.00
  3747785.77 |        239.00       237.10       236.30       236.20
235.30       234.30
  3747685.77 |        240.70       239.70       239.00       238.40
237.70       236.70
  3747585.77 |        243.00       243.00       241.90       240.60
240.00       238.00
  3747485.77 |        246.00       245.30       244.30       243.20
242.10       241.30
  3747385.77 |        248.70       247.70       246.60       244.70
244.10       244.70
  3747285.77 |        251.00       250.00       249.00       248.00
247.00       247.00
  3747185.77 |        253.70       253.10       251.30       251.30
251.30       251.30
  3747085.77 |        256.70       255.70       254.00       253.70
254.70       254.70

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

PAGE 183
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                  *** NETWORK ID: UCART2   ;  NETWORK
TYPE: GRIDCART ***

                                                 * HILL HEIGHT SCALES
IN METERS *

    Y-COORD  |                                                  X-COORD
(METERS)
```

```
    (METERS) |     444172.99    444272.99    444372.99    444472.99
444572.99    444672.99    444772.99    444872.99    444972.99
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  3748485.77 |       1224.00      1224.00      1224.00      1224.00
1224.00      1224.00      1224.00      1224.00      1224.00
  3748385.77 |       1224.00      1224.00      1224.00      1224.00
1224.00      1224.00      1224.00      1224.00      1224.00
  3748285.77 |       1224.00      1224.00      1224.00      1224.00
1224.00      1224.00      1224.00      1224.00      1224.00
  3748185.77 |       1224.00      1224.00      1224.00      1224.00
1224.00      1224.00      1224.00      1224.00      1224.00
  3748085.77 |       1224.00      1224.00      1224.00      1224.00
1224.00      1224.00      1224.00      1224.00      1224.00
  3747985.77 |       1224.00      1224.00      1224.00      1224.00
1224.00      1224.00      1224.00      1224.00      1224.00
  3747885.77 |       1224.00      1224.00      1224.00      1224.00
1224.00      1224.00      1224.00      1224.00      1224.00
  3747785.77 |       1224.00      1224.00      1224.00      1224.00
1224.00      1224.00      1224.00      1224.00      1224.00
  3747685.77 |       1224.00      1224.00      1224.00      1224.00
1224.00      1224.00      1224.00      1224.00      1224.00
  3747585.77 |       1224.00      1224.00      1224.00      1224.00
1224.00      1224.00      1224.00      1224.00      1224.00
  3747485.77 |       1224.00      1224.00      1224.00      1224.00
1224.00      1224.00      1224.00      1224.00      1224.00
  3747385.77 |       1224.00      1224.00      1224.00      1224.00
1224.00      1224.00      1224.00      1224.00      1224.00
  3747285.77 |       1224.00      1224.00      1224.00      1224.00
1224.00      1224.00      1224.00      1224.00      1224.00
  3747185.77 |       1224.00      1224.00      1224.00      1224.00
1224.00      1224.00      1224.00      1224.00      1224.00
  3747085.77 |       1224.00      1224.00      1224.00      1224.00
1224.00      1224.00      1224.00      1224.00      1224.00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

PAGE 184
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                    *** NETWORK ID: UCART2   ;  NETWORK
TYPE: GRIDCART ***

                                                  * HILL HEIGHT SCALES
IN METERS *

    Y-COORD  |                                                  X-COORD
(METERS)
```

```
    (METERS) |     445072.99    445172.99    445272.99    445372.99
445472.99    445572.99
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  3748485.77 |       1224.00      1224.00      1224.00      1224.00
1224.00      1224.00
  3748385.77 |       1224.00      1224.00      1224.00      1224.00
1224.00      1224.00
  3748285.77 |       1224.00      1224.00      1224.00      1224.00
1224.00      1224.00
  3748185.77 |       1224.00      1224.00      1224.00      1224.00
1224.00      1224.00
  3748085.77 |       1224.00      1224.00      1224.00      1224.00
1224.00      1224.00
  3747985.77 |       1224.00      1224.00      1224.00      1224.00
1224.00      1224.00
  3747885.77 |       1224.00      1224.00      1224.00      1224.00
1224.00      1224.00
  3747785.77 |       1224.00      1224.00      1224.00      1224.00
1224.00      1224.00
  3747685.77 |       1224.00      1224.00      1224.00      1224.00
1224.00      1224.00
  3747585.77 |       1224.00      1224.00      1224.00      1224.00
1224.00      1224.00
  3747485.77 |       1224.00      1224.00      1224.00      1224.00
1224.00      1224.00
  3747385.77 |       1224.00      1224.00      1224.00      1224.00
1224.00      1224.00
  3747285.77 |       1224.00      1224.00      1224.00      1224.00
1224.00      1224.00
  3747185.77 |       1224.00      1224.00      1224.00      1224.00
1224.00      1224.00
  3747085.77 |       1224.00      1224.00      1224.00      1224.00
1224.00      1224.00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

     ( 443047.9, 3748855.7,     188.2,    1224.0,       0.0);
( 443030.1, 3748868.7,     188.0,    1224.0,       0.0);
```

```
     ( 443016.9, 3748884.6,     187.3,    1224.0,       0.0);
( 442999.3, 3748898.7,     186.9,    1224.0,       0.0);
     ( 442983.5, 3748918.0,     186.2,    1224.0,       0.0);
( 442962.3, 3748934.7,     185.9,    1224.0,       0.0);
     ( 442947.4, 3748948.8,     185.9,    1224.0,       0.0);
( 442935.1, 3748963.8,     185.7,    1224.0,       0.0);
     ( 442916.6, 3748985.8,     184.0,    1224.0,       0.0);
( 442899.0, 3749001.6,     182.9,    1224.0,       0.0);
     ( 442881.4, 3749017.5,     183.2,    1224.0,       0.0);
( 442868.2, 3749033.3,     182.9,    1224.0,       0.0);
     ( 442854.1, 3749046.5,     183.2,    1224.0,       0.0);
( 442833.0, 3749062.3,     183.3,    1224.0,       0.0);
     ( 442816.3, 3749081.7,     183.2,    1224.0,       0.0);
( 442801.3, 3749094.9,     183.1,    1224.0,       0.0);
     ( 442780.2, 3749111.6,     182.5,    1224.0,       0.0);
( 442764.3, 3749127.5,     182.4,    1224.0,       0.0);
     ( 442750.3, 3749130.1,     183.0,    1224.0,       0.0);
( 442722.1, 3749138.0,     184.1,    1224.0,       0.0);
     ( 442705.4, 3749146.8,     184.0,    1224.0,       0.0);
( 442678.1, 3749144.2,     184.1,    1224.0,       0.0);
     ( 442659.6, 3749147.7,     184.0,    1224.0,       0.0);
( 442638.5, 3749145.1,     184.0,    1224.0,       0.0);
     ( 442662.3, 3749101.1,     185.5,    1224.0,       0.0);
( 442694.8, 3749095.8,     185.7,    1224.0,       0.0);
     ( 442709.8, 3749094.0,     185.7,    1224.0,       0.0);
( 442730.0, 3749087.0,     186.0,    1224.0,       0.0);
     ( 442752.0, 3749068.5,     186.6,    1224.0,       0.0);
( 442796.9, 3749035.9,     187.8,    1224.0,       0.0);
     ( 442817.1, 3749007.8,     188.9,    1224.0,       0.0);
( 442845.3, 3748987.5,     188.8,    1224.0,       0.0);
     ( 442865.5, 3748973.5,     188.5,    1224.0,       0.0);
( 442840.9, 3748956.7,     190.3,    1224.0,       0.0);
     ( 442888.4, 3748944.4,     189.8,    1224.0,       0.0);
( 442871.7, 3748932.1,     191.1,    1224.0,       0.0);
     ( 442872.6, 3748911.0,     191.7,    1224.0,       0.0);
( 442880.5, 3748896.9,     191.9,    1224.0,       0.0);
     ( 442906.0, 3748895.1,     191.4,    1224.0,       0.0);
( 442925.4, 3748905.7,     191.0,    1224.0,       0.0);
     ( 442928.0, 3748871.4,     192.2,    1224.0,       0.0);
( 442943.0, 3748881.9,     191.3,    1224.0,       0.0);
     ( 442959.7, 3748871.4,     191.1,    1224.0,       0.0);
( 442923.6, 3748842.3,     193.4,    1224.0,       0.0);
     ( 442937.7, 3748821.2,     194.4,    1224.0,       0.0);
( 442971.1, 3748823.0,     193.2,    1224.0,       0.0);
     ( 442986.1, 3748841.5,     191.4,    1224.0,       0.0);
( 442985.2, 3748812.4,     193.4,    1224.0,       0.0);
     ( 443002.0, 3748822.1,     192.6,    1224.0,       0.0);
( 443063.5, 3748836.2,     189.0,    1224.0,       0.0);
     ( 443064.4, 3748815.1,     190.0,    1224.0,       0.0);
( 443051.2, 3748791.3,     190.1,    1224.0,       0.0);
     ( 443003.7, 3748799.2,     193.9,    1224.0,       0.0);
( 442974.7, 3748795.7,     194.9,    1224.0,       0.0);
```

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     ( 443038.9, 3748779.9,     191.5,    1224.0,       0.0);
( 443027.5, 3748759.6,     193.6,    1224.0,       0.0);
     ( 443024.0, 3748743.8,     194.2,    1224.0,       0.0);
( 443009.0, 3748724.4,     195.7,    1224.0,       0.0);
     ( 443009.0, 3748702.4,     196.0,    1224.0,       0.0);
( 443097.9, 3748795.7,     188.4,    1224.0,       0.0);
     ( 443090.8, 3748779.0,     188.5,    1224.0,       0.0);
( 443071.5, 3748764.0,     188.7,    1224.0,       0.0);
     ( 443064.4, 3748742.0,     188.8,    1224.0,       0.0);
( 443051.2, 3748723.5,     188.9,    1224.0,       0.0);
     ( 443042.4, 3748707.7,     190.4,    1224.0,       0.0);
( 443042.4, 3748691.8,     190.5,    1224.0,       0.0);
     ( 443141.9, 3748742.0,     188.5,    1224.0,       0.0);
( 443121.6, 3748726.2,     189.0,    1224.0,       0.0);
     ( 443107.5, 3748705.0,     188.9,    1224.0,       0.0);
( 443088.2, 3748676.0,     188.8,    1224.0,       0.0);
     ( 443145.4, 3748708.6,     189.5,    1224.0,       0.0);
( 443176.2, 3748679.5,     190.4,    1224.0,       0.0);
     ( 443103.1, 3748670.7,     189.0,    1224.0,       0.0);
( 443230.8, 3748790.4,     193.1,    1224.0,       0.0);
     ( 443242.2, 3748767.5,     194.1,    1224.0,       0.0);
( 443255.4, 3748742.9,     194.2,    1224.0,       0.0);
     ( 443265.1, 3748713.0,     194.4,    1224.0,       0.0);
( 443278.3, 3748687.4,     193.8,    1224.0,       0.0);
     ( 443297.6, 3748659.3,     194.8,    1224.0,       0.0);
( 443306.4, 3748793.9,     189.0,    1224.0,       0.0);
     ( 443339.9, 3748786.0,     189.7,    1224.0,       0.0);
( 443371.6, 3748768.4,     192.8,    1224.0,       0.0);
     ( 443392.7, 3748757.0,     194.0,    1224.0,       0.0);
( 443418.2, 3748739.4,     195.4,    1224.0,       0.0);
     ( 443444.6, 3748724.4,     195.3,    1224.0,       0.0);
( 443471.9, 3748711.2,     198.0,    1224.0,       0.0);
     ( 443496.5, 3748694.5,     199.4,    1224.0,       0.0);
( 443525.6, 3748681.3,     199.6,    1224.0,       0.0);
     ( 443548.5, 3748668.1,     201.7,    1224.0,       0.0);
( 443583.6, 3748651.4,     203.1,    1224.0,       0.0);

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                              *** DISCRETE CARTESIAN
RECEPTORS ***
                                            (X-COORD, Y-COORD, ZELEV,
ZHILL, ZFLAG)
                                                                (METERS)
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```
     ( 443383.0, 3748960.3,     196.0,    1224.0,       0.0);
( 443380.4, 3748936.5,     196.0,    1224.0,       0.0);
     ( 443370.7, 3748910.1,     196.0,    1224.0,       0.0);
( 443386.5, 3748896.0,     196.2,    1224.0,       0.0);
     ( 443423.5, 3748874.9,     197.5,    1224.0,       0.0);
( 443448.1, 3748859.9,     198.3,    1224.0,       0.0);
     ( 443465.7, 3748849.4,     198.9,    1224.0,       0.0);
( 443497.4, 3748829.1,     200.5,    1224.0,       0.0);
     ( 443513.2, 3748820.3,     201.3,    1224.0,       0.0);
( 443539.6, 3748809.8,     201.7,    1224.0,       0.0);
     ( 443559.9, 3748803.6,     201.6,    1224.0,       0.0);
( 443581.9, 3748796.6,     201.8,    1224.0,       0.0);
     ( 443602.1, 3748793.1,     202.5,    1224.0,       0.0);
( 443624.1, 3748791.3,     203.2,    1224.0,       0.0);
     ( 443642.6, 3748786.9,     203.0,    1224.0,       0.0);
( 443661.1, 3748783.4,     203.3,    1224.0,       0.0);
     ( 443684.0, 3748786.0,     204.0,    1224.0,       0.0);
( 443535.2, 3748597.7,     206.5,    1224.0,       0.0);
     ( 443511.5, 3748617.0,     204.7,    1224.0,       0.0);
( 443491.2, 3748637.3,     203.4,    1224.0,       0.0);
     ( 443468.4, 3748647.8,     201.5,    1224.0,       0.0);
( 443441.1, 3748674.2,     201.5,    1224.0,       0.0);
     ( 443414.7, 3748689.2,     199.5,    1224.0,       0.0);
( 443389.2, 3748705.9,     197.0,    1224.0,       0.0);
     ( 443307.3, 3748632.0,     196.1,    1224.0,       0.0);
( 443322.3, 3748600.3,     198.3,    1224.0,       0.0);
     ( 443336.4, 3748572.2,     200.7,    1224.0,       0.0);
( 443355.7, 3748617.0,     196.0,    1224.0,       0.0);
     ( 443377.7, 3748583.6,     196.7,    1224.0,       0.0);
( 443387.4, 3748555.4,     198.5,    1224.0,       0.0);
     ( 443399.7, 3748531.7,     198.0,    1224.0,       0.0);
( 443409.4, 3748510.6,     197.7,    1224.0,       0.0);
     ( 443339.9, 3748550.2,     201.2,    1224.0,       0.0);
( 443358.4, 3748517.6,     203.9,    1224.0,       0.0);
     ( 443360.1, 3748489.4,     203.1,    1224.0,       0.0);
( 443372.4, 3748464.8,     201.1,    1224.0,       0.0);
     ( 443394.4, 3748441.0,     203.8,    1224.0,       0.0);
( 443497.4, 3748439.3,     199.8,    1224.0,       0.0);
     ( 443522.0, 3748422.6,     203.4,    1224.0,       0.0);
( 443541.4, 3748404.1,     205.8,    1224.0,       0.0);
     ( 443557.2, 3748392.6,     208.0,    1224.0,       0.0);
( 443580.1, 3748376.8,     208.2,    1224.0,       0.0);
     ( 443602.1, 3748365.4,     208.6,    1224.0,       0.0);
( 443623.2, 3748346.0,     208.4,    1224.0,       0.0);
     ( 443653.2, 3748335.4,     207.0,    1224.0,       0.0);
( 443671.6, 3748321.4,     207.3,    1224.0,       0.0);
     ( 443508.8, 3748368.9,     208.2,    1224.0,       0.0);
( 443479.8, 3748380.3,     206.6,    1224.0,       0.0);
     ( 443526.5, 3748355.7,     209.2,    1224.0,       0.0);
( 443548.5, 3748339.8,     209.9,    1224.0,       0.0);
     ( 443571.3, 3748324.0,     209.5,    1224.0,       0.0);
( 443590.7, 3748310.8,     209.9,    1224.0,       0.0);
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     ( 443612.7, 3748296.7,     211.2,    1224.0,       0.0);
( 443636.5, 3748282.6,     211.5,    1224.0,       0.0);
     ( 443654.9, 3748265.9,     212.8,    1224.0,       0.0);
( 443672.5, 3748246.6,     214.2,    1224.0,       0.0);
     ( 443689.2, 3748231.6,     215.8,    1224.0,       0.0);
( 443706.8, 3748215.8,     217.0,    1224.0,       0.0);
     ( 443691.0, 3748297.6,     209.2,    1224.0,       0.0);
( 443707.7, 3748282.6,     212.2,    1224.0,       0.0);
     ( 443725.3, 3748266.8,     215.9,    1224.0,       0.0);
( 443741.2, 3748257.1,     218.1,    1224.0,       0.0);
     ( 443759.7, 3748243.0,     217.3,    1224.0,       0.0);
( 443773.7, 3748221.0,     219.2,    1224.0,       0.0);
     ( 443794.9, 3748203.4,     219.5,    1224.0,       0.0);
( 443813.3, 3748185.8,     219.1,    1224.0,       0.0);
     ( 443824.8, 3748163.8,     219.7,    1224.0,       0.0);
( 443842.4, 3748150.6,     219.2,    1224.0,       0.0);
     ( 443794.9, 3748123.3,     222.0,    1224.0,       0.0);
( 443808.1, 3748106.6,     221.6,    1224.0,       0.0);
     ( 443773.7, 3748145.3,     221.4,    1224.0,       0.0);
( 443762.3, 3748169.1,     220.2,    1224.0,       0.0);
     ( 443749.1, 3748183.2,     219.4,    1224.0,       0.0);
( 443724.5, 3748197.3,     218.0,    1224.0,       0.0);
     ( 443669.0, 3748506.2,     207.3,    1224.0,       0.0);
( 443691.0, 3748531.7,     208.9,    1224.0,       0.0);
     ( 443709.5, 3748544.9,     209.0,    1224.0,       0.0);
( 443731.5, 3748574.8,     206.6,    1224.0,       0.0);
     ( 443760.5, 3748588.0,     205.2,    1224.0,       0.0);
( 443782.5, 3748564.2,     207.0,    1224.0,       0.0);
     ( 443807.2, 3748539.6,     207.2,    1224.0,       0.0);
( 443826.5, 3748515.8,     207.1,    1224.0,       0.0);
     ( 443852.9, 3748491.2,     207.0,    1224.0,       0.0);
( 443863.5, 3748470.1,     207.0,    1224.0,       0.0);
     ( 443882.0, 3748439.3,     207.4,    1224.0,       0.0);
( 443881.1, 3748410.2,     207.7,    1224.0,       0.0);
     ( 443899.6, 3748423.4,     207.7,    1224.0,       0.0);
( 443891.7, 3748384.7,     208.4,    1224.0,       0.0);
     ( 443911.1, 3748371.0,     208.8,    1224.0,       0.0);
( 443929.5, 3748345.5,     208.8,    1224.0,       0.0);

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Trails of Corona\HRA\Construction HRA ***        12/21/18
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                              *** DISCRETE CARTESIAN
RECEPTORS ***
                                            (X-COORD, Y-COORD, ZELEV,
ZHILL, ZFLAG)
                                                                (METERS)
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```
     ( 443939.0, 3748329.0,     209.2,    1224.0,       0.0);
( 443955.0, 3748309.9,     209.9,    1224.0,       0.0);
     ( 443975.3, 3748291.5,     211.4,    1224.0,       0.0);
( 443932.7, 3748260.3,     211.7,    1224.0,       0.0);
     ( 443907.9, 3748288.9,     209.4,    1224.0,       0.0);
( 443892.0, 3748306.8,     209.1,    1224.0,       0.0);
     ( 443878.6, 3748325.2,     208.9,    1224.0,       0.0);
( 443864.7, 3748341.1,     208.7,    1224.0,       0.0);
     ( 443848.1, 3748357.6,     207.7,    1224.0,       0.0);
( 443829.7, 3748376.7,     207.6,    1224.0,       0.0);
     ( 443796.0, 3748385.0,     207.5,    1224.0,       0.0);
( 443774.4, 3748402.8,     207.8,    1224.0,       0.0);
     ( 443747.0, 3748423.8,     207.3,    1224.0,       0.0);
( 443723.5, 3748442.2,     208.1,    1224.0,       0.0);
     ( 443705.7, 3748458.7,     209.8,    1224.0,       0.0);
( 443678.4, 3748482.9,     207.9,    1224.0,       0.0);
     ( 443730.5, 3748499.4,     209.5,    1224.0,       0.0);
( 443747.0, 3748481.6,     209.5,    1224.0,       0.0);
     ( 443773.1, 3748465.7,     207.9,    1224.0,       0.0);
( 443753.4, 3748477.8,     209.1,    1224.0,       0.0);
     ( 443778.2, 3748500.0,     208.2,    1224.0,       0.0);
( 443792.2, 3748481.0,     207.2,    1224.0,       0.0);
     ( 443817.0, 3748455.5,     207.0,    1224.0,       0.0);
( 443801.1, 3748442.8,     207.0,    1224.0,       0.0);
     ( 443815.7, 3748424.4,     207.0,    1224.0,       0.0);
( 443834.1, 3748437.7,     207.0,    1224.0,       0.0);
     ( 443855.1, 3748084.1,     220.6,    1224.0,       0.0);
( 443836.6, 3748062.1,     221.9,    1224.0,       0.0);
     ( 443812.8, 3748041.0,     223.8,    1224.0,       0.0);
( 443769.7, 3747996.1,     228.0,    1224.0,       0.0);
     ( 443828.6, 3748013.7,     224.8,    1224.0,       0.0);
( 443816.3, 3747989.9,     228.3,    1224.0,       0.0);
     ( 443813.7, 3747954.8,     232.3,    1224.0,       0.0);
( 443764.4, 3747961.8,     230.9,    1224.0,       0.0);
     ( 443730.1, 3747945.1,     231.4,    1224.0,       0.0);
( 443706.3, 3747923.1,     230.7,    1224.0,       0.0);
     ( 443688.7, 3747902.8,     230.9,    1224.0,       0.0);
( 443664.9, 3747880.8,     232.6,    1224.0,       0.0);
     ( 443646.5, 3747852.6,     233.9,    1224.0,       0.0);
( 443619.2, 3747824.5,     234.0,    1224.0,       0.0);
     ( 443604.2, 3747806.0,     232.8,    1224.0,       0.0);
( 443618.3, 3747776.9,     234.6,    1224.0,       0.0);
     ( 443639.4, 3747752.3,     237.4,    1224.0,       0.0);
( 443670.2, 3747725.0,     240.7,    1224.0,       0.0);
     ( 443702.8, 3747688.0,     243.6,    1224.0,       0.0);
( 443684.3, 3747671.3,     244.2,    1224.0,       0.0);
     ( 443719.5, 3747704.8,     242.7,    1224.0,       0.0);
( 443730.1, 3747724.1,     240.9,    1224.0,       0.0);
     ( 443753.0, 3747740.0,     239.2,    1224.0,       0.0);
( 443766.2, 3747760.2,     236.8,    1224.0,       0.0);
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     ( 443789.0, 3747782.2,     235.7,    1224.0,       0.0);
( 443802.2, 3747798.1,     234.7,    1224.0,       0.0);
     ( 443819.8, 3747817.4,     232.7,    1224.0,       0.0);
( 443838.3, 3747832.4,     231.7,    1224.0,       0.0);
     ( 443855.1, 3747848.2,     231.2,    1224.0,       0.0);
( 443868.3, 3747867.6,     231.0,    1224.0,       0.0);
     ( 443885.9, 3747890.5,     231.2,    1224.0,       0.0);
( 443905.2, 3747909.9,     230.5,    1224.0,       0.0);
     ( 443919.3, 3747930.1,     227.4,    1224.0,       0.0);
( 443942.2, 3747945.9,     219.8,    1224.0,       0.0);
     ( 443955.4, 3747961.8,     220.1,    1224.0,       0.0);
( 443984.4, 3747930.1,     223.0,    1224.0,       0.0);
     ( 443991.5, 3747911.6,     224.8,    1224.0,       0.0);
( 443994.1, 3747889.6,     225.4,    1224.0,       0.0);
     ( 444004.7, 3747868.5,     229.8,    1224.0,       0.0);
( 444006.5, 3747849.1,     231.1,    1224.0,       0.0);
     ( 444014.4, 3747831.5,     232.3,    1224.0,       0.0);
( 444017.0, 3747807.8,     232.4,    1224.0,       0.0);
     ( 444024.9, 3747790.1,     232.5,    1224.0,       0.0);
( 444036.4, 3747768.1,     232.9,    1224.0,       0.0);
     ( 444047.8, 3747747.9,     233.5,    1224.0,       0.0);
( 444058.4, 3747728.5,     234.6,    1224.0,       0.0);
     ( 444071.6, 3747710.0,     235.9,    1224.0,       0.0);
( 444086.5, 3747696.0,     237.2,    1224.0,       0.0);
     ( 444102.4, 3747681.9,     238.6,    1224.0,       0.0);
( 444114.7, 3747666.9,     239.3,    1224.0,       0.0);
     ( 444132.3, 3747655.5,     240.0,    1224.0,       0.0);
( 444113.0, 3747621.1,     241.8,    1224.0,       0.0);
     ( 443727.5, 3747635.2,     244.9,    1224.0,       0.0);
( 443741.6, 3747647.6,     244.0,    1224.0,       0.0);
     ( 443754.8, 3747668.7,     243.6,    1224.0,       0.0);
( 443769.8, 3747684.5,     243.6,    1224.0,       0.0);
     ( 443780.3, 3747695.1,     240.4,    1224.0,       0.0);
( 443797.1, 3747714.5,     237.4,    1224.0,       0.0);
     ( 443809.4, 3747727.7,     235.4,    1224.0,       0.0);
( 443823.5, 3747745.3,     232.9,    1224.0,       0.0);
     ( 443846.3, 3747775.2,     232.0,    1224.0,       0.0);
( 443860.4, 3747786.6,     232.0,    1224.0,       0.0);
     ( 443868.4, 3747769.9,     232.3,    1224.0,       0.0);
( 443879.8, 3747749.7,     233.1,    1224.0,       0.0);

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                *** DISCRETE CARTESIAN
RECEPTORS ***
```

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)

(METERS)

(443887.7, 3747723.3, 234.7, 1224.0, 0.0);
(443892.1, 3747702.1, 236.9, 1224.0, 0.0);
(443895.6, 3747682.8, 240.6, 1224.0, 0.0);
(443893.0, 3747660.8, 242.4, 1224.0, 0.0);
(443893.9, 3747640.5, 243.0, 1224.0, 0.0);
(443897.4, 3747621.1, 243.6, 1224.0, 0.0);
(443900.0, 3747604.4, 244.0, 1224.0, 0.0);
(443899.2, 3747585.9, 244.7, 1224.0, 0.0);
(443901.8, 3747563.9, 245.0, 1224.0, 0.0);
(443901.8, 3747546.3, 245.2, 1224.0, 0.0);
(443904.5, 3747527.0, 245.0, 1224.0, 0.0);
(443903.6, 3747507.6, 245.4, 1224.0, 0.0);
(443901.8, 3747487.4, 246.2, 1224.0, 0.0);
(443905.3, 3747466.2, 246.9, 1224.0, 0.0);
(443904.5, 3747446.0, 251.0, 1224.0, 0.0);
(443903.6, 3747429.3, 253.5, 1224.0, 0.0);
(443904.5, 3747407.3, 254.9, 1224.0, 0.0);
(443903.6, 3747388.8, 256.4, 1224.0, 0.0);
(443900.9, 3747365.0, 258.4, 1224.0, 0.0);
(443894.8, 3747341.2, 260.5, 1224.0, 0.0);
(443891.2, 3747321.0, 262.5, 1224.0, 0.0);
(443886.8, 3747302.5, 264.4, 1224.0, 0.0);
(443883.3, 3747278.7, 266.7, 1224.0, 0.0);
(443882.4, 3747257.6, 268.6, 1224.0, 0.0);
(443875.4, 3747240.9, 269.3, 1224.0, 0.0);
(443862.2, 3747223.3, 270.2, 1224.0, 0.0);
(443849.0, 3747203.9, 271.8, 1224.0, 0.0);
(443875.4, 3747192.5, 271.6, 1224.0, 0.0);
(443893.9, 3747174.0, 271.5, 1224.0, 0.0);
(443900.9, 3747150.2, 271.2, 1224.0, 0.0);
(443879.8, 3747124.7, 273.9, 1224.0, 0.0);
(443859.6, 3747118.5, 277.3, 1224.0, 0.0);
(443821.7, 3747120.3, 278.2, 1224.0, 0.0);
(444137.7, 3747581.5, 243.3, 1224.0, 0.0);
(444132.4, 3747563.1, 244.5, 1224.0, 0.0);
(444122.7, 3747541.9, 244.8, 1224.0, 0.0);
(444115.7, 3747514.6, 244.8, 1224.0, 0.0);
(444104.3, 3747490.9, 244.5, 1224.0, 0.0);
(444093.7, 3747447.8, 245.9, 1224.0, 0.0);
(444089.3, 3747432.8, 246.7, 1224.0, 0.0);
(444084.0, 3747410.8, 248.5, 1224.0, 0.0);
(444079.6, 3747394.0, 250.7, 1224.0, 0.0);
(444066.4, 3747371.2, 254.3, 1224.0, 0.0);
(444065.5, 3747356.2, 255.7, 1224.0, 0.0);
(444057.6, 3747328.9, 256.8, 1224.0, 0.0);
(444048.8, 3747309.5, 256.8, 1224.0, 0.0);
(444041.8, 3747289.3, 257.0, 1224.0, 0.0);
(444039.1, 3747269.9, 257.5, 1224.0, 0.0);

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     ( 444032.1, 3747252.3,     258.0,    1224.0,       0.0);
( 444026.8, 3747232.1,     259.5,    1224.0,       0.0);
     ( 444024.2, 3747211.8,     261.9,    1224.0,       0.0);
( 444012.7, 3747194.2,     264.2,    1224.0,       0.0);
     ( 444009.2, 3747178.4,     266.4,    1224.0,       0.0);
( 444000.4, 3747159.0,     268.3,    1224.0,       0.0);
     ( 443990.7, 3747139.7,     268.7,    1224.0,       0.0);
( 443987.2, 3747122.1,     269.5,    1224.0,       0.0);
     ( 443545.0, 3747753.9,     234.6,    1224.0,       0.0);
( 443566.9, 3747739.3,     236.0,    1224.0,       0.0);
     ( 443582.8, 3747705.2,     237.8,    1224.0,       0.0);
( 443608.3, 3747662.6,     241.9,    1224.0,       0.0);
     ( 443585.2, 3747683.3,     239.3,    1224.0,       0.0);
( 443664.4, 3747610.2,     245.8,    1224.0,       0.0);
     ( 444061.7, 3748396.7,     217.2,    1224.0,       0.0);
( 443702.2, 3748778.1,     203.7,    1224.0,       0.0);
     ( 443720.9, 3748761.7,     203.9,    1224.0,       0.0);
( 443735.1, 3748749.0,     204.4,    1224.0,       0.0);
     ( 443761.3, 3748751.2,     206.4,    1224.0,       0.0);
( 443781.5, 3748750.5,     207.4,    1224.0,       0.0);
     ( 443799.4, 3748733.2,     208.0,    1224.0,       0.0);
( 443816.6, 3748742.2,     208.6,    1224.0,       0.0);
     ( 443859.3, 3748707.1,     209.4,    1224.0,       0.0);
( 443854.8, 3748660.7,     207.9,    1224.0,       0.0);
     ( 443872.0, 3748652.4,     208.4,    1224.0,       0.0);
( 443881.7, 3748635.2,     208.8,    1224.0,       0.0);
     ( 443889.2, 3748615.0,     209.0,    1224.0,       0.0);
( 443912.4, 3748586.6,     210.4,    1224.0,       0.0);
     ( 443949.7, 3748543.0,     212.8,    1224.0,       0.0);
( 443956.0, 3748523.5,     212.1,    1224.0,       0.0);
     ( 443964.6, 3748509.4,     212.0,    1224.0,       0.0);
( 443975.5, 3748496.6,     212.2,    1224.0,       0.0);
     ( 444002.5, 3748489.9,     213.6,    1224.0,       0.0);
( 443993.0, 3748508.2,     213.7,    1224.0,       0.0);
     ( 443984.3, 3748521.9,     214.0,    1224.0,       0.0);
( 443976.5, 3748538.5,     213.9,    1224.0,       0.0);
     ( 443964.5, 3748550.9,     213.5,    1224.0,       0.0);
( 443950.3, 3748565.1,     213.0,    1224.0,       0.0);
     ( 443942.5, 3748583.1,     212.5,    1224.0,       0.0);
( 444015.1, 3748474.6,     214.4,    1224.0,       0.0);
     ( 444023.8, 3748461.3,     214.9,    1224.0,       0.0);
( 444033.0, 3748446.1,     215.5,    1224.0,       0.0);

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

*** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)

(METERS)

(444049.5, 3748429.6, 216.2, 1224.0, 0.0);
(444052.3, 3748411.2, 215.6, 1224.0, 0.0);
(443186.9, 3748634.7, 195.0, 1224.0, 0.0);
(443201.9, 3748608.4, 195.9, 1224.0, 0.0);
(443224.5, 3748583.9, 199.5, 1224.0, 0.0);
(443237.7, 3748551.9, 198.2, 1224.0, 0.0);
(443250.9, 3748525.6, 198.0, 1224.0, 0.0);
(443267.8, 3748491.7, 202.6, 1224.0, 0.0);
(443290.4, 3748454.0, 204.0, 1224.0, 0.0);
(443299.8, 3748416.4, 206.4, 1224.0, 0.0);
(443299.8, 3748384.4, 207.5, 1224.0, 0.0);
(443301.7, 3748352.4, 207.5, 1224.0, 0.0);
(443305.4, 3748320.4, 208.0, 1224.0, 0.0);
(443117.3, 3748611.4, 191.0, 1224.0, 0.0);
(443090.7, 3748626.4, 190.3, 1224.0, 0.0);
(443162.3, 3748585.9, 194.3, 1224.0, 0.0);
(443179.7, 3748558.2, 197.3, 1224.0, 0.0);
(443190.1, 3748530.5, 200.6, 1224.0, 0.0);
(443205.1, 3748494.6, 202.4, 1224.0, 0.0);
(443229.4, 3748456.5, 207.0, 1224.0, 0.0);
(443231.7, 3748413.7, 208.0, 1224.0, 0.0);
(443252.5, 3748389.5, 208.2, 1224.0, 0.0);
(443186.6, 3748471.5, 202.4, 1224.0, 0.0);
(443141.5, 3748525.8, 199.0, 1224.0, 0.0);
(443138.1, 3748498.1, 201.1, 1224.0, 0.0);
(443150.8, 3748472.7, 202.4, 1224.0, 0.0);
(443169.3, 3748447.3, 204.6, 1224.0, 0.0);
(443183.1, 3748419.5, 206.2, 1224.0, 0.0);
(443202.8, 3748396.4, 207.1, 1224.0, 0.0);
(443224.8, 3748373.3, 208.0, 1224.0, 0.0);
(443238.6, 3748345.6, 208.8, 1224.0, 0.0);
(443112.7, 3748590.6, 192.7, 1224.0, 0.0);
(443080.3, 3748597.5, 192.8, 1224.0, 0.0);
(443072.2, 3748572.1, 195.0, 1224.0, 0.0);
(443103.4, 3748554.7, 194.2, 1224.0, 0.0);
(443093.0, 3748532.8, 195.6, 1224.0, 0.0);
(444066.1, 3748315.5, 216.8, 1224.0, 0.0);
(444098.5, 3748350.2, 220.4, 1224.0, 0.0);
(444078.8, 3748294.7, 217.6, 1224.0, 0.0);
(444089.2, 3748273.9, 217.9, 1224.0, 0.0);
(444096.2, 3748253.1, 218.0, 1224.0, 0.0);
(444111.2, 3748321.3, 220.6, 1224.0, 0.0);
(444132.0, 3748302.8, 221.2, 1224.0, 0.0);
(444135.5, 3748284.3, 221.4, 1224.0, 0.0);
(443313.5, 3748260.8, 209.8, 1224.0, 0.0);
(443230.7, 3748275.9, 211.0, 1224.0, 0.0);

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     ( 443260.8, 3748238.2,     212.0,    1224.0,       0.0);
( 443274.0, 3748215.6,     212.5,    1224.0,       0.0);
     ( 443304.1, 3748178.0,     214.7,    1224.0,       0.0);
( 443198.7, 3748330.4,     210.0,    1224.0,       0.0);
     ( 443155.4, 3748373.7,     207.8,    1224.0,       0.0);
( 443119.7, 3748411.4,     206.3,    1224.0,       0.0);
     ( 443100.9, 3748441.5,     203.4,    1224.0,       0.0);
( 443093.3, 3748477.2,     198.9,    1224.0,       0.0);
     ( 443080.2, 3748501.7,     197.0,    1224.0,       0.0);
( 443718.1, 3747857.8,     232.0,    1224.0,       0.0);
     ( 443737.8, 3747882.4,     232.0,    1224.0,       0.0);
( 443765.3, 3747898.1,     233.2,    1224.0,       0.0);
     ( 443754.5, 3747918.7,     232.9,    1224.0,       0.0);
( 443696.5, 3747826.4,     232.4,    1224.0,       0.0);
     ( 443672.9, 3747804.8,     233.9,    1224.0,       0.0);
( 443727.0, 3747844.1,     232.2,    1224.0,       0.0);
     ( 443710.3, 3747771.4,     236.7,    1224.0,       0.0);
( 443737.8, 3747790.0,     236.4,    1224.0,       0.0);
     ( 443746.6, 3747808.7,     234.9,    1224.0,       0.0);
( 443762.3, 3747821.5,     234.1,    1224.0,       0.0);
     ( 443787.9, 3747845.0,     233.6,    1224.0,       0.0);
( 443800.6, 3747866.7,     233.0,    1224.0,       0.0);
     ( 443806.5, 3747929.5,     233.3,    1224.0,       0.0);
( 443520.6, 3747701.6,     235.0,    1224.0,       0.0);
     ( 443551.6, 3747661.7,     238.1,    1224.0,       0.0);
( 443591.5, 3747635.2,     242.8,    1224.0,       0.0);
     ( 443836.5, 3747717.7,     232.1,    1224.0,       0.0);
( 443840.7, 3747688.6,     233.3,    1224.0,       0.0);
     ( 443841.4, 3747663.8,     236.4,    1224.0,       0.0);
( 443804.5, 3747670.1,     233.2,    1224.0,       0.0);
     ( 443787.5, 3747657.4,     239.1,    1224.0,       0.0);
( 443777.5, 3747633.9,     243.0,    1224.0,       0.0);
     ( 443744.9, 3747619.0,     244.7,    1224.0,       0.0);
( 443761.9, 3747606.3,     244.4,    1224.0,       0.0);
     ( 443844.3, 3747623.3,     243.1,    1224.0,       0.0);
( 443847.1, 3747599.9,     244.5,    1224.0,       0.0);
     ( 443852.8, 3747578.6,     245.5,    1224.0,       0.0);
( 443850.0, 3747558.0,     246.9,    1224.0,       0.0);
     ( 443850.0, 3747537.4,     247.2,    1224.0,       0.0);
( 443854.9, 3747518.2,     247.9,    1224.0,       0.0);
     ( 443847.1, 3747495.5,     250.0,    1224.0,       0.0);
( 443853.5, 3747478.5,     250.8,    1224.0,       0.0);
     ( 443850.7, 3747457.2,     252.3,    1224.0,       0.0);
( 443854.2, 3747438.8,     253.8,    1224.0,       0.0);

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)

(METERS)

(443850.0, 3747397.6, 257.1, 1224.0, 0.0);
(443854.2, 3747418.2, 255.7, 1224.0, 0.0);
(443853.5, 3747378.4, 257.9, 1224.0, 0.0);
(443843.6, 3747336.5, 261.3, 1224.0, 0.0);
(443836.5, 3747315.2, 263.1, 1224.0, 0.0);
(443829.4, 3747296.1, 265.0, 1224.0, 0.0);
(443828.0, 3747274.1, 266.8, 1224.0, 0.0);
(443816.6, 3747254.2, 268.2, 1224.0, 0.0);
(443806.0, 3747236.4, 269.5, 1224.0, 0.0);
(443803.1, 3747219.4, 270.8, 1224.0, 0.0);
(443838.6, 3747186.1, 273.3, 1224.0, 0.0);
(443838.6, 3747171.1, 274.1, 1224.0, 0.0);
(443970.7, 3747985.0, 222.1, 1224.0, 0.0);
(443980.6, 3747995.6, 223.1, 1224.0, 0.0);
(443994.8, 3748014.1, 223.4, 1224.0, 0.0);
(444006.2, 3748026.8, 223.8, 1224.0, 0.0);
(444016.8, 3748040.3, 223.7, 1224.0, 0.0);
(444040.3, 3748051.7, 223.0, 1224.0, 0.0);
(444048.8, 3748065.9, 223.0, 1224.0, 0.0);
(444060.1, 3748085.8, 222.4, 1224.0, 0.0);
(444079.3, 3748100.7, 221.2, 1224.0, 0.0);
(444088.5, 3748117.0, 220.0, 1224.0, 0.0);
(444101.3, 3748132.6, 219.0, 1224.0, 0.0);
(444114.8, 3748147.5, 219.0, 1224.0, 0.0);
(444129.7, 3748161.7, 219.0, 1224.0, 0.0);
(444141.8, 3748177.3, 219.7, 1224.0, 0.0);
(444158.1, 3748180.9, 220.7, 1224.0, 0.0);
(444169.5, 3748204.3, 223.1, 1224.0, 0.0);
(444190.0, 3748217.1, 226.0, 1224.0, 0.0);
(444192.8, 3748193.1, 226.1, 1224.0, 0.0);
(444195.3, 3748122.7, 224.3, 1224.0, 0.0);
(444008.7, 3747956.5, 226.2, 1224.0, 0.0);
(444019.3, 3747970.0, 226.4, 1224.0, 0.0);
(444042.8, 3747981.3, 227.6, 1224.0, 0.0);
(444051.3, 3747995.5, 226.2, 1224.0, 0.0);
(444062.6, 3748015.4, 224.4, 1224.0, 0.0);
(444081.8, 3748030.3, 223.0, 1224.0, 0.0);
(444091.0, 3748046.6, 221.8, 1224.0, 0.0);
(444103.8, 3748062.3, 220.1, 1224.0, 0.0);
(444117.3, 3748077.2, 219.4, 1224.0, 0.0);
(444132.2, 3748091.4, 219.1, 1224.0, 0.0);
(444144.3, 3748107.0, 219.3, 1224.0, 0.0);
(444160.6, 3748110.5, 219.7, 1224.0, 0.0);
(444171.9, 3748133.9, 221.3, 1224.0, 0.0);

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     ( 444192.5, 3748146.7,     224.9,    1224.0,       0.0);
( 444143.4, 3748498.9,     220.5,    1224.0,       0.0);
     ( 444154.0, 3748512.4,     220.8,    1224.0,       0.0);
( 444177.5, 3748523.8,     220.8,    1224.0,       0.0);
     ( 444186.0, 3748537.9,     220.3,    1224.0,       0.0);
( 444197.3, 3748557.8,     220.2,    1224.0,       0.0);
     ( 444216.5, 3748572.7,     220.1,    1224.0,       0.0);
( 444225.7, 3748589.1,     219.6,    1224.0,       0.0);
     ( 444238.5, 3748604.7,     219.1,    1224.0,       0.0);
( 444252.0, 3748619.6,     218.6,    1224.0,       0.0);
     ( 444266.9, 3748633.8,     218.1,    1224.0,       0.0);
( 444279.0, 3748649.4,     217.6,    1224.0,       0.0);
     ( 444295.3, 3748652.9,     217.4,    1224.0,       0.0);
( 444306.6, 3748676.4,     216.7,    1224.0,       0.0);
     ( 444237.6, 3748593.4,     219.4,    1224.0,       0.0);
( 444061.7, 3748440.7,     217.5,    1224.0,       0.0);
     ( 444085.1, 3748452.1,     219.0,    1224.0,       0.0);
( 444093.6, 3748466.3,     218.8,    1224.0,       0.0);
     ( 444105.0, 3748486.1,     219.2,    1224.0,       0.0);
( 444124.1, 3748501.1,     219.3,    1224.0,       0.0);
     ( 444133.3, 3748517.4,     219.3,    1224.0,       0.0);
( 444146.1, 3748533.0,     219.8,    1224.0,       0.0);
     ( 444159.6, 3748547.9,     219.9,    1224.0,       0.0);
( 444174.5, 3748562.1,     219.7,    1224.0,       0.0);
     ( 444186.6, 3748577.7,     219.8,    1224.0,       0.0);
( 444202.9, 3748581.3,     219.7,    1224.0,       0.0);
     ( 444214.3, 3748604.7,     218.9,    1224.0,       0.0);
( 444234.9, 3748617.5,     218.6,    1224.0,       0.0);
     ( 443957.6, 3748095.6,     221.3,    1224.0,       0.0);
( 443123.0, 3748822.0,     188.5,    1224.0,       0.0);
     ( 443098.0, 3748847.0,     188.0,    1224.0,       0.0);
( 443123.0, 3748847.0,     188.9,    1224.0,       0.0);
     ( 443073.0, 3748872.0,     186.3,    1224.0,       0.0);
( 443098.0, 3748872.0,     186.8,    1224.0,       0.0);
     ( 443123.0, 3748872.0,     188.1,    1224.0,       0.0);
( 443048.0, 3748897.0,     185.3,    1224.0,       0.0);
     ( 443073.0, 3748897.0,     185.9,    1224.0,       0.0);
( 443098.0, 3748897.0,     186.6,    1224.0,       0.0);
     ( 443123.0, 3748897.0,     187.3,    1224.0,       0.0);
( 443028.8, 3748928.8,     184.0,    1224.0,       0.0);
     ( 443048.0, 3748922.0,     184.0,    1224.0,       0.0);
( 443073.0, 3748922.0,     185.2,    1224.0,       0.0);
     ( 443098.0, 3748922.0,     185.8,    1224.0,       0.0);
( 443123.0, 3748922.0,     185.9,    1224.0,       0.0);
     ( 443148.0, 3748922.0,     185.8,    1224.0,       0.0);
( 443173.0, 3748922.0,     185.6,    1224.0,       0.0);

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

     (443003.5, 3748951.0,   183.0,   1224.0,   0.0);
(443023.0, 3748947.0,   183.2,   1224.0,   0.0);
     (443048.0, 3748947.0,   183.0,   1224.0,   0.0);
(443073.0, 3748947.0,   184.3,   1224.0,   0.0);
     (443098.0, 3748947.0,   184.6,   1224.0,   0.0);
(443123.0, 3748947.0,   184.8,   1224.0,   0.0);
     (443148.0, 3748947.0,   185.2,   1224.0,   0.0);
(443173.0, 3748947.0,   186.0,   1224.0,   0.0);
     (442977.3, 3748975.7,   182.0,   1224.0,   0.0);
(442998.0, 3748972.0,   181.8,   1224.0,   0.0);
     (443023.0, 3748972.0,   181.9,   1224.0,   0.0);
(443048.0, 3748972.0,   182.8,   1224.0,   0.0);
     (443073.0, 3748972.0,   183.6,   1224.0,   0.0);
(443098.0, 3748972.0,   184.1,   1224.0,   0.0);
     (443123.0, 3748972.0,   184.8,   1224.0,   0.0);
(443148.0, 3748972.0,   186.2,   1224.0,   0.0);
     (443173.0, 3748972.0,   187.8,   1224.0,   0.0);
(442948.0, 3748997.0,   181.4,   1224.0,   0.0);
     (442973.0, 3748997.0,   181.0,   1224.0,   0.0);
(442998.0, 3748997.0,   181.0,   1224.0,   0.0);
     (443023.0, 3748997.0,   181.2,   1224.0,   0.0);
(443048.0, 3748997.0,   182.0,   1224.0,   0.0);
     (443073.0, 3748997.0,   182.8,   1224.0,   0.0);
(443098.0, 3748997.0,   184.3,   1224.0,   0.0);
     (443123.0, 3748997.0,   186.4,   1224.0,   0.0);
(443148.0, 3748997.0,   188.6,   1224.0,   0.0);
     (442923.0, 3749022.0,   181.4,   1224.0,   0.0);
(442948.0, 3749022.0,   181.1,   1224.0,   0.0);
     (442973.0, 3749022.0,   181.4,   1224.0,   0.0);
(442998.0, 3749022.0,   181.9,   1224.0,   0.0);
     (443023.0, 3749022.0,   182.0,   1224.0,   0.0);
(443048.0, 3749022.0,   182.8,   1224.0,   0.0);
     (443073.0, 3749022.0,   183.7,   1224.0,   0.0);
(443102.3, 3749028.5,   187.2,   1224.0,   0.0);
     (443118.0, 3749011.9,   187.1,   1224.0,   0.0);
(442918.4, 3749057.2,   181.0,   1224.0,   0.0);
     (442947.0, 3749054.1,   181.0,   1224.0,   0.0);
(442973.0, 3749047.0,   181.5,   1224.0,   0.0);
     (442998.0, 3749047.0,   182.0,   1224.0,   0.0);
(443019.0, 3749057.2,   182.0,   1224.0,   0.0);
     (443043.7, 3749053.2,   183.5,   1224.0,   0.0);
(443073.0, 3749047.0,   185.0,   1224.0,   0.0);

```
     ( 442904.7, 3749080.3,     181.2,    1224.0,       0.0);
( 442925.7, 3749077.6,     181.6,    1224.0,       0.0);
     ( 442948.0, 3749072.0,     181.5,    1224.0,       0.0);
( 442972.7, 3749065.0,     181.7,    1224.0,       0.0);
     ( 443457.1, 3748487.9,     195.4,    1224.0,       0.0);
( 443482.1, 3748487.9,     195.0,    1224.0,       0.0);
     ( 443507.1, 3748487.9,     195.0,    1224.0,       0.0);
( 443532.1, 3748487.9,     195.3,    1224.0,       0.0);
     ( 443557.1, 3748487.9,     197.5,    1224.0,       0.0);
( 443457.1, 3748512.9,     195.0,    1224.0,       0.0);
     ( 443482.1, 3748512.9,     195.0,    1224.0,       0.0);
( 443507.1, 3748512.9,     195.2,    1224.0,       0.0);
     ( 443532.1, 3748512.9,     197.0,    1224.0,       0.0);
( 443557.1, 3748512.9,     206.8,    1224.0,       0.0);
     ( 443457.1, 3748537.9,     195.4,    1224.0,       0.0);
( 443482.1, 3748537.9,     196.0,    1224.0,       0.0);
     ( 443507.1, 3748537.9,     198.6,    1224.0,       0.0);
( 443536.4, 3748544.4,     207.2,    1224.0,       0.0);
     ( 443552.1, 3748527.8,     206.4,    1224.0,       0.0);
( 443453.1, 3748573.1,     195.1,    1224.0,       0.0);
     ( 443477.8, 3748569.1,     197.0,    1224.0,       0.0);
( 443507.1, 3748562.9,     202.2,    1224.0,       0.0);
     ( 443366.6, 3748666.1,     194.6,    1224.0,       0.0);
( 443391.7, 3748647.3,     195.0,    1224.0,       0.0);
     ( 443416.7, 3748620.1,     195.0,    1224.0,       0.0);
( 443349.9, 3748862.5,     194.1,    1224.0,       0.0);
     ( 443366.6, 3748829.1,     192.2,    1224.0,       0.0);
( 443391.7, 3748814.5,     193.2,    1224.0,       0.0);
     ( 443408.4, 3748793.6,     194.2,    1224.0,       0.0);
( 443429.3, 3748820.7,     196.5,    1224.0,       0.0);
     ( 443441.8, 3748770.6,     194.6,    1224.0,       0.0);
( 443475.2, 3748791.5,     196.9,    1224.0,       0.0);
     ( 443489.9, 3748745.5,     195.1,    1224.0,       0.0);
( 443525.4, 3748758.0,     196.9,    1224.0,       0.0);
     ( 443535.8, 3748722.5,     195.2,    1224.0,       0.0);
( 443590.1, 3748733.0,     198.5,    1224.0,       0.0);
     ( 443611.0, 3748693.3,     199.9,    1224.0,       0.0);
( 443650.7, 3748724.6,     201.0,    1224.0,       0.0);
     ( 443696.7, 3748714.2,     201.0,    1224.0,       0.0);
( 443726.0, 3748712.1,     202.1,    1224.0,       0.0);
     ( 443665.4, 3748670.3,     201.0,    1224.0,       0.0);
( 443719.7, 3748664.0,     201.0,    1224.0,       0.0);
     ( 443765.7, 3748689.1,     202.6,    1224.0,       0.0);
( 443774.0, 3748638.9,     201.3,    1224.0,       0.0);
     ( 443820.0, 3748645.2,     205.6,    1224.0,       0.0);
( 443625.7, 3748641.0,     203.6,    1224.0,       0.0);
     ( 443604.8, 3748611.8,     206.4,    1224.0,       0.0);
( 443567.2, 3748590.9,     208.0,    1224.0,       0.0);

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(443563.0, 3748553.3, 207.8, 1224.0, 0.0);
(443615.2, 3748572.1, 208.8, 1224.0, 0.0);
(443650.7, 3748597.2, 207.6, 1224.0, 0.0);
(443663.3, 3748620.1, 205.4, 1224.0, 0.0);
(443583.9, 3748442.5, 200.8, 1224.0, 0.0);
(443615.2, 3748465.5, 203.1, 1224.0, 0.0);
(443625.7, 3748407.0, 205.0, 1224.0, 0.0);
(443663.3, 3748423.8, 201.2, 1224.0, 0.0);
(443667.5, 3748373.6, 203.6, 1224.0, 0.0);
(443713.4, 3748386.1, 205.9, 1224.0, 0.0);
(443719.7, 3748331.8, 207.9, 1224.0, 0.0);
(443753.1, 3748340.2, 207.1, 1224.0, 0.0);
(443829.2, 3748575.0, 206.0, 1224.0, 0.0);
(443866.1, 3748577.5, 207.3, 1224.0, 0.0);
(443878.4, 3748521.0, 207.0, 1224.0, 0.0);
(443907.9, 3748457.0, 207.0, 1224.0, 0.0);
(443915.2, 3748501.3, 207.0, 1224.0, 0.0);
(443954.6, 3748432.5, 207.1, 1224.0, 0.0);
(443969.3, 3748390.7, 207.1, 1224.0, 0.0);
(443989.0, 3748351.3, 208.3, 1224.0, 0.0);
(443775.1, 3748319.4, 208.0, 1224.0, 0.0);
(443802.2, 3748280.9, 207.1, 1224.0, 0.0);
(443839.8, 3748246.2, 209.3, 1224.0, 0.0);
(443868.7, 3748237.5, 209.9, 1224.0, 0.0);
(443871.6, 3748202.8, 214.4, 1224.0, 0.0);
(443926.5, 3747829.8, 231.3, 1224.0, 0.0);
(443958.3, 3747864.5, 224.2, 1224.0, 0.0);
(443935.2, 3747772.0, 233.3, 1224.0, 0.0);
(443972.8, 3747777.7, 231.4, 1224.0, 0.0);
(443943.9, 3747699.7, 237.2, 1224.0, 0.0);
(444001.7, 3747705.4, 233.7, 1224.0, 0.0);
(443938.1, 3747653.4, 242.2, 1224.0, 0.0);
(443990.1, 3747653.4, 243.0, 1224.0, 0.0);
(444050.9, 3747650.5, 241.2, 1224.0, 0.0);
(443952.5, 3747595.5, 244.2, 1224.0, 0.0);
(443984.3, 3747592.7, 245.6, 1224.0, 0.0);
(444065.3, 3747578.2, 243.4, 1224.0, 0.0);
(443958.3, 3747523.2, 245.7, 1224.0, 0.0);
(444007.5, 3747523.2, 247.1, 1224.0, 0.0);
(443961.2, 3747451.0, 252.6, 1224.0, 0.0);

```
     ( 444013.3, 3747456.7,     250.0,    1224.0,       0.0);
( 443958.3, 3747378.7,     257.7,    1224.0,       0.0);
     ( 444001.7, 3747381.5,     256.1,    1224.0,       0.0);
( 443941.0, 3747306.4,     261.8,    1224.0,       0.0);
     ( 443984.3, 3747312.1,     257.7,    1224.0,       0.0);
( 443941.0, 3747231.2,     267.7,    1224.0,       0.0);
     ( 444048.0, 3747514.6,     245.2,    1224.0,       0.0);

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

PAGE 193
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1
1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1
1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1
1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1
1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1
1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1
1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1
1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1

               NOTE:  METEOROLOGICAL DATA ACTUALLY PROCESSED WILL
ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.



                                     *** UPPER BOUND OF FIRST THROUGH
FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

                                                1.54,   3.09,   5.14,
8.23,  10.80,

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                    *** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

   Surface file: ..\ChinoAirportADJU\KCNO_V9_ADJU\KCNO_v9.SFC
Met Version: 16216
   Profile file: ..\ChinoAirportADJU\KCNO_V9_ADJU\KCNO_v9.PFL
   Surface format: FREE
   Profile format: FREE
   Surface station no.:   3179   Upper air station no.:   3190
                  Name: UNKNOWN
Name: UNKNOWN
                  Year: 2012
Year: 2012

 First 24 hours of scalar data
 YR MO DY JDY HR   H0   U*   W* DT/DZ ZICNV ZIMCH M-O LEN
Z0 BOWEN ALBEDO REF WS   WD   HT REF TA   HT
- - - -

```
 12 01 01   1 14   94.6  0.185  1.215  0.005  674.  191.     -5.9
0.09   0.74   0.21    1.50   73.    7.9  303.1    2.0
 12 01 01   1 15   68.6  0.187  1.184  0.005  858.  194.     -8.4
0.09   0.74   0.25    1.59   64.    7.9  303.1    2.0
 12 01 01   1 16   24.9  0.255  0.862  0.005  911.  308.    -58.8
0.09   0.74   0.34    2.61   92.    7.9  300.4    2.0
 12 01 01   1 17  -13.7  0.168 -9.000 -9.000 -999.  168.     31.1
0.09   0.74   0.62    1.98  107.    7.9  295.4    2.0
 12 01 01   1 18  -26.7  0.279 -9.000 -9.000 -999.  354.     85.6
0.09   0.74   1.00    3.22  134.    7.9  291.4    2.0
 12 01 01   1 19   -8.0  0.118 -9.000 -9.000 -999.  120.     18.2
0.09   0.74   1.00    1.43   37.    7.9  290.4    2.0
 12 01 01   1 20   -7.7  0.115 -9.000 -9.000 -999.   94.     17.6
0.09   0.74   1.00    1.40   49.    7.9  287.0    2.0
 12 01 01   1 21   -9.7  0.130 -9.000 -9.000 -999.  113.     20.2
0.09   0.74   1.00    1.57   26.    7.9  288.8    2.0
 12 01 01   1 22   -4.8  0.090 -9.000 -9.000 -999.   65.     13.6
0.09   0.74   1.00    1.11   56.    7.9  284.9    2.0
 12 01 01   1 23  -11.5  0.141 -9.000 -9.000 -999.  127.     21.9
0.09   0.74   1.00    1.69   36.    7.9  282.0    2.0
 12 01 01   1 24  -16.9  0.172 -9.000 -9.000 -999.  171.     32.4
0.09   0.74   1.00    2.03   33.    7.9  279.9    2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    7.9 1  313.    0.73   279.3   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)

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Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

PAGE 195
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: LINE1    ***
                                INCLUDING SOURCE(S):
L0000693    , L0000694    , L0000695    , L0000696    , L0000697    ,
                L0000698    , L0000699    , L0000700    ,
L0000701    , L0000702    , L0000703    , L0000704    , L0000705    ,
                L0000706    , L0000707    , L0000708    ,
L0000709    , L0000710    , L0000711    , L0000712    , L0000713    ,
                L0000714    , L0000715    , L0000716    ,
L0000717    , L0000718    , L0000719    , L0000720    ,  . . .      ,

                                    *** NETWORK ID: UCART1   ;  NETWORK
TYPE: GRIDCART ***
```

```
                                        ** CONC OF DPM      IN
MICROGRAMS/M**3                          **

    Y-COORD  |                                                  X-COORD
(METERS)
    (METERS) |     443543.62    443581.38    443619.14    443656.90
443694.66    443732.42
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  3748168.50 |       0.09937      0.09492      0.09031      0.08751
0.08580      0.08219
  3748138.04 |       0.09424      0.09014      0.08599      0.08313
0.08181      0.07872
  3748107.58 |       0.08886      0.08600      0.08232      0.07943
0.07834      0.07534
  3748077.12 |       0.08341      0.08112      0.07893      0.07628
0.07513      0.07229
  3748046.66 |       0.07866      0.07661      0.07449      0.07289
0.07199      0.06933
  3748016.20 |       0.07477      0.07287      0.07096      0.06920
0.06805      0.06551

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

PAGE 196
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: LINE1    ***
                                INCLUDING SOURCE(S):
L0000693    , L0000694    , L0000695    , L0000696    , L0000697    ,
               L0000698    , L0000699    , L0000700    ,
L0000701    , L0000702    , L0000703    , L0000704    , L0000705    ,
               L0000706    , L0000707    , L0000708    ,
L0000709    , L0000710    , L0000711    , L0000712    , L0000713    ,
               L0000714    , L0000715    , L0000716    ,
L0000717    , L0000718    , L0000719    , L0000720    ,  . . .      ,

                                    *** NETWORK ID: UCART2   ;  NETWORK
TYPE: GRIDCART ***

                                        ** CONC OF DPM      IN
MICROGRAMS/M**3                          **

    Y-COORD  |                                                  X-COORD
(METERS)
    (METERS) |     444172.99    444272.99    444372.99    444472.99
444572.99    444672.99    444772.99    444872.99    444972.99
```

```
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  3748485.77 |       0.07524      0.06870      0.06349      0.05844
0.05371      0.04936      0.04543      0.04206      0.03897
  3748385.77 |       0.06248      0.05785      0.05419      0.05107
0.04800      0.04514      0.04235      0.03959      0.03688
  3748285.77 |       0.05242      0.04861      0.04597      0.04379
0.04200      0.04026      0.03860      0.03672      0.03479
  3748185.77 |       0.04679      0.04240      0.03952      0.03761
0.03625      0.03515      0.03416      0.03334      0.03219
  3748085.77 |       0.04402      0.03887      0.03573      0.03360
0.03201      0.03087      0.03012      0.02957      0.02899
  3747985.77 |       0.04201      0.03701      0.03347      0.03110
0.02935      0.02799      0.02696      0.02625      0.02574
  3747885.77 |       0.03863      0.03495      0.03207      0.02955
0.02751      0.02616      0.02502      0.02402      0.02326
  3747785.77 |       0.03674      0.03334      0.03061      0.02781
0.02604      0.02474      0.02370      0.02266      0.02173
  3747685.77 |       0.03471      0.03194      0.02926      0.02664
0.02469      0.02346      0.02249      0.02163      0.02075
  3747585.77 |       0.03234      0.03030      0.02834      0.02601
0.02381      0.02241      0.02144      0.02064      0.01991
  3747485.77 |       0.03004      0.02878      0.02733      0.02543
0.02335      0.02165      0.02051      0.01967      0.01904
  3747385.77 |       0.02775      0.02716      0.02607      0.02463
0.02312      0.02124      0.01990      0.01891      0.01820
  3747285.77 |       0.02562      0.02541      0.02472      0.02360
0.02225      0.02082      0.01948      0.01839      0.01754
  3747185.77 |       0.02369      0.02372      0.02340      0.02256
0.02149      0.02033      0.01912      0.01802      0.01710
  3747085.77 |       0.02206      0.02204      0.02195      0.02149
0.02067      0.01976      0.01874      0.01774      0.01678

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: LINE1    ***
                                  INCLUDING SOURCE(S):
L0000693    , L0000694    , L0000695    , L0000696    , L0000697    ,
                L0000698    , L0000699    , L0000700    ,
L0000701    , L0000702    , L0000703    , L0000704    , L0000705    ,
                L0000706    , L0000707    , L0000708    ,
L0000709    , L0000710    , L0000711    , L0000712    , L0000713    ,
                L0000714    , L0000715    , L0000716    ,
L0000717    , L0000718    , L0000719    , L0000720    ,  . . .      ,
```

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF DPM IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)					
	445072.99	445172.99	445272.99	445372.99	445472.99	445572.99
3748485.77	0.03620	0.03394	0.03188	0.03017	0.02856	0.02714
3748385.77	0.03459	0.03245	0.03060	0.02896	0.02752	0.02613
3748285.77	0.03294	0.03112	0.02948	0.02795	0.02656	0.02530
3748185.77	0.03094	0.02963	0.02830	0.02698	0.02572	0.02454
3748085.77	0.02836	0.02764	0.02681	0.02588	0.02486	0.02383
3747985.77	0.02542	0.02509	0.02478	0.02430	0.02365	0.02294
3747885.77	0.02275	0.02253	0.02239	0.02222	0.02194	0.02160
3747785.77	0.02098	0.02054	0.02023	0.02002	0.01993	0.01984
3747685.77	0.01995	0.01926	0.01872	0.01834	0.01813	0.01804
3747585.77	0.01921	0.01847	0.01781	0.01728	0.01686	0.01665
3747485.77	0.01845	0.01786	0.01725	0.01665	0.01611	0.01568
3747385.77	0.01765	0.01719	0.01671	0.01622	0.01566	0.01511
3747285.77	0.01694	0.01649	0.01610	0.01570	0.01526	0.01475
3747185.77	0.01637	0.01584	0.01547	0.01511	0.01474	0.01435
3747085.77	0.01597	0.01534	0.01490	0.01453	0.01420	0.01389

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

```
                    *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: LINE1    ***
                                  INCLUDING SOURCE(S):
L0000693    , L0000694    , L0000695    , L0000696    , L0000697    ,
                L0000698    , L0000699    , L0000700    ,
L0000701    , L0000702    , L0000703    , L0000704    , L0000705    ,
                L0000706    , L0000707    , L0000708    ,
L0000709    , L0000710    , L0000711    , L0000712    , L0000713    ,
                L0000714    , L0000715    , L0000716    ,
L0000717    , L0000718    , L0000719    , L0000720    ,  . . .      ,

                                              *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                          ** CONC OF DPM      IN
MICROGRAMS/M**3                            **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443047.86    3748855.70        1.16706
443030.11    3748868.74        0.99029
         443016.91    3748884.58        0.88024
442999.31    3748898.66        0.76221
         442983.47    3748918.02        0.67038
442962.35    3748934.74        0.57481
         442947.39    3748948.82        0.51727
442935.07    3748963.78        0.47339
         442916.59    3748985.78        0.41469
442898.98    3749001.62        0.36979
         442881.38    3749017.46        0.33228
442868.18    3749033.31        0.30498
         442854.10    3749046.51        0.28105
442832.98    3749062.35        0.25129
         442816.26    3749081.71        0.22807
442801.30    3749094.91        0.21126
         442780.18    3749111.63        0.19090
442764.34    3749127.47        0.17669
         442750.26    3749130.11        0.16864
442722.10    3749138.03        0.15355
         442705.38    3749146.83        0.14457
442678.10    3749144.19        0.13481
         442659.62    3749147.71        0.12784
442638.49    3749145.07        0.12161
         442662.26    3749101.07        0.13666
442694.82    3749095.79        0.15076
         442709.78    3749094.03        0.15790
442730.02    3749086.99        0.16957
         442752.02    3749068.51        0.18672
442796.90    3749035.94        0.22884
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         442817.14    3749007.78        0.25664
442845.30    3748987.54        0.29572
         442865.54    3748973.46        0.32894
442840.90    3748956.74        0.29743
         442888.42    3748944.42        0.37644
442871.70    3748932.10        0.34792
         442872.58    3748910.98        0.35178
442880.50    3748896.90        0.36682
         442906.02    3748895.14        0.42037
442925.39    3748905.70        0.46767
         442928.03    3748871.38        0.47456
442942.99    3748881.94        0.52148
         442959.71    3748871.38        0.58004
442923.63    3748842.34        0.45462
         442937.71    3748821.22        0.48229
442971.15    3748822.98        0.60302
         442986.11    3748841.46        0.68802
442985.23    3748812.42        0.65520
         443001.95    3748822.10        0.75575
443063.55    3748836.18        1.36712
         443064.43    3748815.06        1.34855
443051.23    3748791.30        1.11035
         443003.71    3748799.22        0.73147
442974.67    3748795.70        0.58480
         443038.91    3748779.86        0.94633
443027.47    3748759.62        0.78575
         443023.95    3748743.77        0.71380
443008.99    3748724.41        0.58681
         443008.99    3748702.41        0.53777
443097.87    3748795.70        1.95322
         443090.83    3748778.98        1.64624
443071.47    3748764.02        1.22132
         443064.43    3748742.01        1.01173
443051.23    3748723.53        0.82158
         443042.43    3748707.69        0.70747
443042.43    3748691.85        0.65272
         443141.87    3748742.01        2.29450
443121.63    3748726.17        1.53496
         443107.55    3748705.05        1.11935
443088.19    3748676.01        0.78875
         443145.39    3748708.57        1.53184
443176.19    3748679.53        1.23576
         443103.15    3748670.73        0.82510
443230.76    3748790.42       18.60532
         443242.20    3748767.54        6.59912
443255.40    3748742.89        3.31496
         443265.08    3748712.97        1.91868
443278.28    3748687.45        1.34529
         443297.64    3748659.29        0.95696
443306.44    3748793.94        5.89623
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: LINE1 ***
INCLUDING SOURCE(S):
L0000693 , L0000694 , L0000695 , L0000696 , L0000697 , L0000698 , L0000699 , L0000700 , L0000701 , L0000702 , L0000703 , L0000704 , L0000705 , L0000706 , L0000707 , L0000708 , L0000709 , L0000710 , L0000711 , L0000712 , L0000713 , L0000714 , L0000715 , L0000716 , L0000717 , L0000718 , L0000719 , L0000720 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
443339.88	3748786.02	3.56274	443371.56	3748768.42	2.13893
443392.68	3748756.98	1.62583	443418.20	3748739.37	1.17862
443444.60	3748724.41	0.91862	443471.89	3748711.21	0.73086
443496.53	3748694.49	0.59044	443525.57	3748681.29	0.49316
443548.45	3748668.09	0.42023	443583.65	3748651.37	0.34539
443383.00	3748960.26	5.96445	443380.36	3748936.50	5.89136
443370.68	3748910.10	6.18113	443386.52	3748896.02	4.83508
443423.48	3748874.90	2.97689	443448.13	3748859.94	2.21746
443465.73	3748849.38	1.82300	443497.41	3748829.14	1.30052
443513.25	3748820.34	1.11900	443539.65	3748809.78	0.91433
443559.89	3748803.62	0.80175	443581.89	3748796.58	0.69818

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         443602.13    3748793.06        0.62524
443624.13    3748791.30        0.56369
         443642.61    3748786.90        0.51578
443661.09    3748783.38        0.47409
         443683.97    3748786.02        0.43928
443535.25    3748597.69        0.30735
         443511.49    3748617.05        0.36228
443491.25    3748637.29        0.42749
         443468.37    3748647.85        0.49445
443441.08    3748674.25        0.63096
         443414.68    3748689.21        0.78643
443389.16    3748705.93        1.01202
         443307.32    3748632.01        0.73870
443322.28    3748600.33        0.57308
         443336.36    3748572.17        0.46485
443355.72    3748617.05        0.60380
         443377.72    3748583.61        0.47082
443387.40    3748555.45        0.40157
         443399.72    3748531.69        0.35276
443409.40    3748510.56        0.31618
         443339.88    3748550.17        0.40894
443358.36    3748517.61        0.33399
         443360.12    3748489.44        0.29734
443372.44    3748464.80        0.27139
         443394.44    3748441.04        0.23966
443497.41    3748439.28        0.21416
         443522.05    3748422.56        0.19356
443541.41    3748404.08        0.17629
         443557.25    3748392.64        0.16445
443580.13    3748376.80        0.15282
         443602.13    3748365.36        0.14348
443623.25    3748346.00        0.13391
         443653.17    3748335.44        0.12619
443671.65    3748321.36        0.11948
         443508.85    3748368.88        0.16704
443479.81    3748380.32        0.18019
         443526.45    3748355.68        0.15704
443548.45    3748339.84        0.14651
         443571.33    3748324.00        0.13798
443590.69    3748310.80        0.13064
         443612.69    3748296.72        0.12227
443636.45    3748282.64        0.11520
         443654.93    3748265.92        0.10826
443672.53    3748246.56        0.10162
         443689.25    3748231.60        0.09609
443706.85    3748215.75        0.09111
         443691.02    3748297.60        0.11046
443707.74    3748282.64        0.10320
         443725.34    3748266.80        0.09571
443741.18    3748257.12        0.09082
         443759.66    3748243.04        0.08760
443773.74    3748221.03        0.08257
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         443794.86    3748203.43        0.07863
443813.34    3748185.83        0.07565
         443824.78    3748163.83        0.07271
443842.38    3748150.63        0.07049
         443794.86    3748123.35        0.07120
443808.06    3748106.63        0.06927

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

PAGE 200
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: LINE1    ***
                                INCLUDING SOURCE(S):
L0000693    , L0000694    , L0000695    , L0000696    , L0000697    ,
               L0000698    , L0000699    , L0000700    ,
L0000701    , L0000702    , L0000703    , L0000704    , L0000705    ,
               L0000706    , L0000707    , L0000708    ,
L0000709    , L0000710    , L0000711    , L0000712    , L0000713    ,
               L0000714    , L0000715    , L0000716    ,
L0000717    , L0000718    , L0000719    , L0000720    ,  . . .      ,

                                          *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                        ** CONC OF DPM      IN
MICROGRAMS/M**3                          **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443773.74    3748145.35        0.07490
443762.30    3748169.11        0.07859
         443749.10    3748183.19        0.08163
443724.46    3748197.27        0.08641
         443669.01    3748506.17        0.16757
443691.02    3748531.69        0.16827
         443709.50    3748544.89        0.16773
443731.50    3748574.81        0.17863
         443760.54    3748588.01        0.17756
443782.54    3748564.25        0.15708
         443807.18    3748539.61        0.14048
443826.54    3748515.85        0.12810
         443852.94    3748491.21        0.11605
443863.50    3748470.08        0.10896
         443881.98    3748439.28        0.09933
443881.10    3748410.24        0.09414
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         443899.59    3748423.44        0.09391
443891.66    3748384.72        0.08859
         443911.07    3748370.97        0.08415
443929.51    3748345.54        0.07917
         443939.05    3748329.01        0.07629
443954.95    3748309.93        0.07269
         443975.29    3748291.49        0.06867
443932.69    3748260.34        0.07062
         443907.90    3748288.95        0.07634
443892.00    3748306.75        0.07984
         443878.65    3748325.19        0.08332
443864.66    3748341.09        0.08690
         443848.13    3748357.62        0.09170
443829.69    3748376.69        0.09708
         443795.99    3748384.96        0.10430
443774.37    3748402.76        0.11110
         443747.03    3748423.75        0.12136
443723.50    3748442.19        0.13046
         443705.70    3748458.72        0.13769
443678.36    3748482.88        0.15520
         443730.50    3748499.41        0.14289
443747.03    3748481.61        0.13315
         443773.10    3748465.71        0.12426
443753.39    3748477.79        0.13094
         443778.19    3748500.05        0.13241
443792.17    3748480.97        0.12460
         443816.97    3748455.54        0.11355
443801.08    3748442.82        0.11384
         443815.70    3748424.38        0.10744
443834.14    3748437.73        0.10672
         443855.06    3748084.13        0.06504
443836.57    3748062.13        0.06437
         443812.81    3748041.00        0.06350
443769.68    3747996.11        0.06030
         443828.65    3748013.72        0.06054
443816.33    3747989.95        0.05803
         443813.69    3747954.75        0.05449
443764.40    3747961.79        0.05701
         443730.07    3747945.06        0.05700
443706.31    3747923.06        0.05690
         443688.70    3747902.81        0.05633
443664.94    3747880.81        0.05537
         443646.45    3747852.64        0.05394
443619.17    3747824.48        0.05294
         443604.20    3747805.99        0.05241
443618.29    3747776.95        0.05016
         443639.41    3747752.30        0.04796
443670.22    3747725.02        0.04555
         443702.78    3747688.05        0.04294
443684.30    3747671.33        0.04259
         443719.51    3747704.77        0.04327
443730.07    3747724.14        0.04398
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         443752.96    3747739.98        0.04419
443766.16    3747760.23        0.04511
         443789.04    3747782.23        0.04558
443802.25    3747798.07        0.04615
         443819.85    3747817.44        0.04714
443838.33    3747832.40        0.04773
         443855.06    3747848.24        0.04829
443868.26    3747867.61        0.04896
         443885.86    3747890.49        0.04954
443905.23    3747909.86        0.05010
         443919.31    3747930.10        0.05155
443942.20    3747945.94        0.05380

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

PAGE 201
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: LINE1    ***
                                INCLUDING SOURCE(S):
L0000693    , L0000694    , L0000695    , L0000696    , L0000697    ,
                L0000698    , L0000699    , L0000700    ,
L0000701    , L0000702    , L0000703    , L0000704    , L0000705    ,
                L0000706    , L0000707    , L0000708    ,
L0000709    , L0000710    , L0000711    , L0000712    , L0000713    ,
                L0000714    , L0000715    , L0000716    ,
L0000717    , L0000718    , L0000719    , L0000720    ,  . . .      ,

                                             *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                          ** CONC OF DPM      IN
MICROGRAMS/M**3                            **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443955.40    3747961.79        0.05356
443984.44    3747930.10        0.05010
         443991.49    3747911.62        0.04869
443994.13    3747889.61        0.04774
         444004.69    3747868.49        0.04543
444006.45    3747849.12        0.04448
         444014.37    3747831.52        0.04342
444017.01    3747807.75        0.04266
         444024.93    3747790.15        0.04191
444036.38    3747768.15        0.04092
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         444047.82    3747747.90        0.03998
444058.38    3747728.54        0.03899
         444071.58    3747710.05        0.03797
444086.55    3747695.97        0.03707
         444102.39    3747681.89        0.03619
444114.71    3747666.92        0.03551
         444132.32    3747655.48        0.03480
444112.95    3747621.15        0.03418
         443727.52    3747635.23        0.04043
443741.61    3747647.56        0.04062
         443754.81    3747668.68        0.04097
443769.77    3747684.53        0.04104
         443780.34    3747695.09        0.04163
443797.06    3747714.46        0.04244
         443809.38    3747727.66        0.04307
443823.47    3747745.26        0.04403
         443846.35    3747775.19        0.04498
443860.44    3747786.63        0.04517
         443868.36    3747769.91        0.04426
443879.80    3747749.67        0.04304
         443887.72    3747723.26        0.04147
443892.12    3747702.13        0.04014
         443895.64    3747682.77        0.03867
443893.00    3747660.76        0.03768
         443893.88    3747640.52        0.03695
443897.41    3747621.15        0.03625
         443900.05    3747604.43        0.03567
443899.17    3747585.94        0.03510
         443901.81    3747563.94        0.03445
443901.81    3747546.33        0.03400
         443904.45    3747526.97        0.03353
443903.57    3747507.60        0.03307
         443901.81    3747487.36        0.03258
443905.33    3747466.23        0.03202
         443904.45    3747445.99        0.03124
443903.57    3747429.26        0.03078
         443904.45    3747407.26        0.03028
443903.57    3747388.77        0.02991
         443900.93    3747365.01        0.02949
443894.76    3747341.24        0.02916
         443891.24    3747320.99        0.02885
443886.84    3747302.51        0.02860
         443883.32    3747278.74        0.02824
443882.44    3747257.62        0.02790
         443875.40    3747240.89        0.02774
443862.20    3747223.29        0.02761
         443848.99    3747203.92        0.02740
443875.40    3747192.48        0.02697
         443893.88    3747174.00        0.02648
443900.93    3747150.23        0.02608
         443879.80    3747124.70        0.02587
443859.56    3747118.54        0.02586
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         443821.71    3747120.30        0.02597
444137.71    3747581.54        0.03278
         444132.43    3747563.06        0.03232
444122.74    3747541.93        0.03195
         444115.70    3747514.64        0.03142
444104.26    3747490.88        0.03101
         444093.70    3747447.75        0.02993
444089.29    3747432.78        0.02954
         444084.01    3747410.78        0.02889
444079.61    3747394.05        0.02836
         444066.41    3747371.17        0.02768
444065.53    3747356.20        0.02731
         444057.61    3747328.92        0.02679
444048.80    3747309.55        0.02651
         444041.76    3747289.31        0.02623
444039.12    3747269.94        0.02593
         444032.08    3747252.34        0.02572
444026.80    3747232.09        0.02544

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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***        11:21:37

PAGE 202
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: LINE1    ***
                                 INCLUDING SOURCE(S):
L0000693    , L0000694    , L0000695    , L0000696    , L0000697    ,
               L0000698    , L0000699    , L0000700    ,
L0000701    , L0000702    , L0000703    , L0000704    , L0000705    ,
               L0000706    , L0000707    , L0000708    ,
L0000709    , L0000710    , L0000711    , L0000712    , L0000713    ,
               L0000714    , L0000715    , L0000716    ,
L0000717    , L0000718    , L0000719    , L0000720    ,  . . .      ,

                                          *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                        ** CONC OF DPM      IN
MICROGRAMS/M**3                          **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         444024.16    3747211.85        0.02512
444012.71    3747194.24        0.02500
         444009.19    3747178.40        0.02482
444000.39    3747159.03        0.02470
```

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         443990.71    3747139.67        0.02465
443987.19    3747122.06        0.02451
         443544.98    3747753.94        0.04822
443566.91    3747739.32        0.04744
         443582.75    3747705.21        0.04544
443608.33    3747662.57        0.04288
         443585.18    3747683.28        0.04408
443664.38    3747610.18        0.04028
         444061.69    3748396.73        0.07097
443702.16    3748778.14        0.40239
         443720.87    3748761.68        0.35706
443735.08    3748748.96        0.32612
         443761.27    3748751.20        0.30130
443781.48    3748750.46        0.28286
         443799.43    3748733.25        0.25494
443816.64    3748742.23        0.25032
         443859.29    3748707.06        0.20408
443854.80    3748660.67        0.18220
         443872.01    3748652.43        0.17183
443881.74    3748635.23        0.16081
         443889.22    3748615.02        0.15017
443912.42    3748586.59        0.13340
         443949.73    3748543.05        0.11218
443955.98    3748523.52        0.10667
         443964.58    3748509.45        0.10218
443975.51    3748496.56        0.09781
         444002.47    3748489.92        0.09292
443993.02    3748508.17        0.09776
         443984.29    3748521.95        0.10171
443976.48    3748538.50        0.10677
         443964.53    3748550.90        0.11178
443950.28    3748565.15        0.11814
         443942.47    3748583.07        0.12511
444015.08    3748474.62        0.08830
         444023.81    3748461.29        0.08480
444033.00    3748446.13        0.08113
         444049.55    3748429.58        0.07698
444052.31    3748411.20        0.07421
         443186.88    3748634.70        0.77011
443201.94    3748608.36        0.62454
         443224.52    3748583.89        0.51889
443237.69    3748551.90        0.43187
         443250.87    3748525.56        0.37405
443267.80    3748491.68        0.30576
         443290.38    3748454.05        0.25741
443299.79    3748416.41        0.21718
         443299.79    3748384.42        0.19222
443301.67    3748352.43        0.17355
         443305.44    3748320.44        0.15716
443117.28    3748611.37        0.56272
         443090.70    3748626.39        0.57125
443162.35    3748585.94        0.51343
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         443179.69    3748558.20        0.43054
443190.09    3748530.47        0.36357
         443205.11    3748494.64        0.30091
443229.38    3748456.50        0.24483
         443231.69    3748413.74        0.20609
443252.50    3748389.47        0.19125
         443186.62    3748471.53        0.26804
443141.55    3748525.85        0.34822
         443138.08    3748498.11        0.29875
443150.79    3748472.68        0.26521
         443169.29    3748447.26        0.23489
443183.15    3748419.52        0.20874
         443202.80    3748396.41        0.19253
443224.76    3748373.29        0.17909
         443238.63    3748345.56        0.16427
443112.66    3748590.56        0.48136
         443080.30    3748597.50        0.45841
443072.21    3748572.07        0.39003
         443103.41    3748554.74        0.38558
443093.01    3748532.78        0.33683
         444066.11    3748315.51        0.06180
444098.47    3748350.18        0.06223
         444078.82    3748294.71        0.05912
444089.22    3748273.90        0.05692

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

PAGE 203
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: LINE1    ***
                              INCLUDING SOURCE(S):
L0000693    , L0000694    , L0000695    , L0000696    , L0000697    ,
               L0000698    , L0000699    , L0000700    ,
L0000701    , L0000702    , L0000703    , L0000704    , L0000705    ,
               L0000706    , L0000707    , L0000708    ,
L0000709    , L0000710    , L0000711    , L0000712    , L0000713    ,
               L0000714    , L0000715    , L0000716    ,
L0000717    , L0000718    , L0000719    , L0000720    ,  . . .      ,

                                          *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                     ** CONC OF DPM      IN
MICROGRAMS/M**3                       **

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

```
         443849.96    3747397.58        0.03112
443854.21    3747418.16        0.03148
         443853.50    3747378.41        0.03068
443843.57    3747336.54        0.02998
         443836.47    3747315.24        0.02965
443829.37    3747296.08        0.02934
         443827.95    3747274.07        0.02891
443816.59    3747254.20        0.02860
         443805.95    3747236.45        0.02829
443803.11    3747219.42        0.02794
         443838.60    3747186.06        0.02714
443838.60    3747171.15        0.02687
         443970.69    3747984.97        0.05277
443980.63    3747995.62        0.05218
         443994.83    3748014.08        0.05168
444006.19    3748026.85        0.05114
         444016.83    3748040.34        0.05083
444040.26    3748051.70        0.04980
         444048.78    3748065.90        0.04960
444060.13    3748085.77        0.04957
         444079.30    3748100.68        0.04913
444088.53    3748117.00        0.04936
         444101.30    3748132.62        0.04938
444114.79    3748147.53        0.04913
         444129.70    3748161.72        0.04886
444141.76    3748177.34        0.04868
         444158.09    3748180.89        0.04781
444169.45    3748204.31        0.04778
         444190.03    3748217.09        0.04693
444192.83    3748193.06        0.04567

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

PAGE 204
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: LINE1    ***
                                  INCLUDING SOURCE(S):
L0000693    , L0000694    , L0000695    , L0000696    , L0000697    ,
                L0000698    , L0000699    , L0000700    ,
L0000701    , L0000702    , L0000703    , L0000704    , L0000705    ,
                L0000706    , L0000707    , L0000708    ,
L0000709    , L0000710    , L0000711    , L0000712    , L0000713    ,
                L0000714    , L0000715    , L0000716    ,
L0000717    , L0000718    , L0000719    , L0000720    ,  . . .      ,

                                                *** DISCRETE CARTESIAN
RECEPTOR POINTS ***
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                                        ** CONC OF DPM      IN
MICROGRAMS/M**3                          **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)         CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         444195.33    3748122.70        0.04337
444008.68    3747956.49        0.04857
         444019.33    3747969.98        0.04825
444042.75    3747981.34        0.04686
         444051.27    3747995.53        0.04703
444062.63    3748015.41        0.04727
         444081.79    3748030.32        0.04684
444091.02    3748046.64        0.04697
         444103.80    3748062.26        0.04704
444117.29    3748077.17        0.04683
         444132.19    3748091.36        0.04649
444144.26    3748106.98        0.04627
         444160.59    3748110.53        0.04551
444171.94    3748133.95        0.04535
         444192.53    3748146.73        0.04414
444143.39    3748498.90        0.07957
         444154.04    3748512.39        0.08069
444177.46    3748523.75        0.08057
         444185.98    3748537.95        0.08212
444197.34    3748557.82        0.08404
         444216.50    3748572.73        0.08440
444225.73    3748589.06        0.08591
         444238.51    3748604.67        0.08684
444251.99    3748619.58        0.08745
         444266.90    3748633.77        0.08767
444278.97    3748649.39        0.08826
         444295.29    3748652.94        0.08682
444306.65    3748676.37        0.08825
         444237.65    3748593.44        0.08536
444061.66    3748440.72        0.07739
         444085.08    3748452.08        0.07700
444093.60    3748466.28        0.07877
         444104.96    3748486.15        0.08098
444124.12    3748501.06        0.08185
         444133.35    3748517.39        0.08374
444146.13    3748533.00        0.08491
         444159.61    3748547.91        0.08601
444174.52    3748562.11        0.08692
         444186.59    3748577.72        0.08808
444202.91    3748581.27        0.08702
         444214.27    3748604.70        0.08947
444234.86    3748617.47        0.08904
         443957.64    3748095.60        0.05735
443122.97    3748822.03        3.07772
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         443097.97    3748847.03        2.03888
443122.97    3748847.03        2.91254
         443072.97    3748872.03        1.47241
443097.97    3748872.03        1.94092
         443122.97    3748872.03        2.66364
443047.97    3748897.03        1.12245
         443072.97    3748897.03        1.41525
443097.97    3748897.03        1.83044
         443122.97    3748897.03        2.43439
443028.81    3748928.79        0.91377
         443047.97    3748922.03        1.07634
443072.97    3748922.03        1.34499
         443097.97    3748922.03        1.71181
443122.97    3748922.03        2.22825
         443147.97    3748922.03        2.98399
443172.97    3748922.03        4.15631
         443003.50    3748951.02        0.73194
443022.97    3748947.03        0.84690
         443047.97    3748947.03        1.02401
443072.97    3748947.03        1.26780
         443097.97    3748947.03        1.59265
443122.97    3748947.03        2.04499
         443147.97    3748947.03        2.70952
443172.97    3748947.03        3.75397
         442977.27    3748975.72        0.59070
442997.97    3748972.03        0.67775
         443022.97    3748972.03        0.80392
443047.97    3748972.03        0.96957
         443072.97    3748972.03        1.18780
443097.97    3748972.03        1.47942
         443122.97    3748972.03        1.88945
443147.97    3748972.03        2.49868
         443172.97    3748972.03        3.45978
442947.97    3748997.03        0.47899
         442972.97    3748997.03        0.55206
442997.97    3748997.03        0.64332

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

PAGE 205
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: LINE1    ***
                                  INCLUDING SOURCE(S):
L0000693    , L0000694    , L0000695    , L0000696    , L0000697    ,
               L0000698    , L0000699    , L0000700    ,
L0000701    , L0000702    , L0000703    , L0000704    , L0000705    ,
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                L0000706    , L0000707    , L0000708    ,
L0000709    , L0000710    , L0000711    , L0000712    , L0000713    ,
                L0000714    , L0000715    , L0000716    ,
L0000717    , L0000718    , L0000719    , L0000720    ,  . . .      ,

                                          *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                         ** CONC OF DPM      IN
MICROGRAMS/M**3                           **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443022.97    3748997.03        0.75818
443047.97    3748997.03        0.90798
         443072.97    3748997.03        1.10398
443097.97    3748997.03        1.37242
         443122.97    3748997.03        1.75328
443147.97    3748997.03        2.31106
         442922.97    3749022.03        0.40111
442947.97    3749022.03        0.45640
         442972.97    3749022.03        0.52474
442997.97    3749022.03        0.60926
         443022.97    3749022.03        0.71387
443047.97    3749022.03        0.84936
         443072.97    3749022.03        1.02551
443102.27    3749028.48        1.29249
         443118.05    3749011.89        1.58901
442918.36    3749057.17        0.36463
         442947.05    3749054.10        0.42266
442972.97    3749047.03        0.49399
         442997.97    3749047.03        0.57020
443018.97    3749057.17        0.62670
         443043.67    3749053.18        0.74727
443072.97    3749047.03        0.94391
         442904.73    3749080.33        0.32524
442925.74    3749077.56        0.36053
         442947.97    3749072.03        0.40652
442972.66    3749064.96        0.47039
         443457.06    3748487.91        0.26536
443482.06    3748487.91        0.25282
         443507.06    3748487.91        0.24034
443532.06    3748487.91        0.22802
         443557.06    3748487.91        0.21609
443457.06    3748512.91        0.29069
         443482.06    3748512.91        0.27583
443507.06    3748512.91        0.26073
         443532.06    3748512.91        0.24518
443557.06    3748512.91        0.22116
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         443457.06    3748537.91        0.32038
443482.06    3748537.91        0.30155
         443507.06    3748537.91        0.28524
443536.36    3748544.37        0.25359
         443552.14    3748527.77        0.23404
443453.06    3748573.06        0.37477
         443477.76    3748569.06        0.34260
443507.06    3748562.91        0.30445
         443366.59    3748666.11        0.82994
443391.66    3748647.31        0.66607
         443416.73    3748620.15        0.52317
443349.87    3748862.52        6.63910
         443366.59    3748829.09        4.20584
443391.66    3748814.46        2.83252
         443408.37    3748793.57        2.03302
443429.27    3748820.73        2.07775
         443441.80    3748770.58        1.33701
443475.23    3748791.48        1.23743
         443489.86    3748745.51        0.85990
443525.38    3748758.05        0.77374
         443535.83    3748722.53        0.61203
443590.15    3748732.98        0.51315
         443611.04    3748693.28        0.39260
443650.74    3748724.62        0.39325
         443696.71    3748714.17        0.32826
443725.96    3748712.08        0.29804
         443665.37    3748670.29        0.30189
443719.69    3748664.03        0.25671
         443765.66    3748689.10        0.24816
443774.02    3748638.95        0.20828
         443819.98    3748645.22        0.18870
443625.67    3748641.04        0.29298
         443604.78    3748611.79        0.26978
443567.17    3748590.90        0.27122
         443562.99    3748553.29        0.24257
443615.22    3748572.09        0.22421
         443650.74    3748597.17        0.22649
443663.28    3748620.15        0.24281
         443583.88    3748442.55        0.18209
443615.22    3748465.53        0.17715
         443625.67    3748407.03        0.15221
443663.28    3748423.75        0.14818
         443667.46    3748373.60        0.13318
443713.42    3748386.14        0.12301

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

PAGE 206
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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```
                    *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: LINE1    ***
                                  INCLUDING SOURCE(S):
L0000693    , L0000694    , L0000695    , L0000696    , L0000697    ,
                L0000698    , L0000699    , L0000700    ,
L0000701    , L0000702    , L0000703    , L0000704    , L0000705    ,
                L0000706    , L0000707    , L0000708    ,
L0000709    , L0000710    , L0000711    , L0000712    , L0000713    ,
                L0000714    , L0000715    , L0000716    ,
L0000717    , L0000718    , L0000719    , L0000720    ,  . . .      ,

                                              *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                          ** CONC OF DPM      IN
MICROGRAMS/M**3                            **

       X-COORD (M)   Y-COORD (M)        CONC                         X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443719.69    3748331.81        0.11118
443753.12    3748340.17        0.10638
         443829.20    3748575.04        0.15070
443866.07    3748577.50        0.14210
         443878.36    3748520.96        0.12041
443907.86    3748457.05        0.09974
         443915.24    3748501.30        0.10927
443954.57    3748432.47        0.08948
         443969.31    3748390.68        0.08136
443988.98    3748351.35        0.07414
         443775.12    3748319.40        0.09918
443802.16    3748280.93        0.09104
         443839.76    3748246.23        0.08176
443868.68    3748237.55        0.07723
         443871.57    3748202.85        0.07279
443926.52    3747829.80        0.04596
         443958.33    3747864.50        0.04865
443935.19    3747771.96        0.04298
         443972.79    3747777.74        0.04304
443943.87    3747699.66        0.03931
         444001.71    3747705.44        0.03958
443938.08    3747653.39        0.03692
         443990.14    3747653.39        0.03630
444050.87    3747650.50        0.03586
         443952.54    3747595.55        0.03475
443984.35    3747592.66        0.03421
         444065.33    3747578.20        0.03351
443958.33    3747523.25        0.03260
         444007.49    3747523.25        0.03202
443961.22    3747450.96        0.03028
```

```
         444013.27    3747456.74        0.03012
443958.33    3747378.66        0.02868
         444001.71    3747381.55        0.02824
443940.98    3747306.36        0.02771
         443984.35    3747312.15        0.02723
443940.98    3747231.17        0.02657
         444047.98    3747514.58        0.03180

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

PAGE 207
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: AREA4    ***
                                INCLUDING SOURCE(S):
PAREA4      ,

                                    *** NETWORK ID: UCART1   ;  NETWORK
TYPE: GRIDCART ***

                                         ** CONC OF DPM      IN
MICROGRAMS/M**3                           **

    Y-COORD  |                                                  X-COORD
(METERS)
    (METERS) |     443543.62    443581.38    443619.14    443656.90
443694.66    443732.42
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  3748168.50 |   15403.36908  13281.77989  11549.59943  10366.06543
9527.14969   8640.73270
  3748138.04 |   13157.90871  11487.96484  10081.50769   9047.91892
8351.13752   7613.72451
  3748107.58 |   11334.07478  10154.58958   9008.60389   8090.69043
7476.44204   6797.17591
  3748077.12 |    9806.37377   8950.11285   8165.45129   7382.24270
6815.58507   6181.33226
  3748046.66 |    8602.84201   7947.54516   7329.12112   6769.76858
6290.01391   5701.64972
  3748016.20 |    7674.62759   7146.42576   6666.43625   6199.79361
5771.89912   5243.63675

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  *** THE ANNUAL AVERAGE CONCENTRATION   VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: AREA4   ***
                                INCLUDING SOURCE(S):
PAREA4   ,

                                  *** NETWORK ID: UCART2   ; NETWORK
TYPE: GRIDCART ***

                                       ** CONC OF DPM   IN
MICROGRAMS/M**3   **

    Y-COORD | X-COORD
(METERS)
    (METERS) | 444172.99   444272.99   444372.99   444472.99
444572.99   444672.99   444772.99   444872.99   444972.99
 -
- -

  3748485.77 | 5722.24286   4660.01104   3919.32227   3347.45697
2905.11292   2555.74706   2274.74604   2050.76738   1858.91079
  3748385.77 | 5329.87818   4352.08329   3660.11837   3147.90420
2743.56652   2430.76426   2178.88760   1967.55985   1785.48639
  3748285.77 | 4656.58789   3877.87496   3312.63159   2872.83810
2533.14643   2258.25723   2039.56152   1851.23944   1692.86444
  3748185.77 | 3946.32305   3353.81176   2912.68331   2574.82197
2302.31041   2073.36373   1880.65390   1729.20249   1589.16438
  3748085.77 | 3333.83930   2873.40365   2552.13389   2305.85707
2095.84096   1915.30372   1760.41426   1624.04425   1499.75883
  3747985.77 | 2751.33449   2461.29425   2219.33132   2033.56003
1883.33764   1754.05893   1635.34107   1526.71540   1422.74678
  3747885.77 | 2187.46290   2041.60735   1919.85934   1786.34785
1660.59183   1574.33699   1496.87388   1416.30384   1337.99136
  3747785.77 | 1895.94056   1748.73350   1647.85424   1531.32587
1451.44982   1389.60147   1341.54820   1289.65985   1237.07825
  3747685.77 | 1722.09699   1572.32878   1461.46094   1359.13628
1279.06351   1226.46947   1186.49350   1154.36240   1122.22616
  3747585.77 | 1606.32422   1450.99786   1350.91410   1259.53323
1173.25284   1113.46451   1069.35267   1034.08171   1007.30348
  3747485.77 | 1531.27863   1378.79407   1271.60577   1185.34123
1107.62271   1042.24303   991.47002   948.57860   916.87911
  3747385.77 | 1460.29465   1331.24543   1215.90322   1124.70874
1059.49156   992.20459   942.35859   897.48336   859.02613
  3747285.77 | 1382.02555   1282.56918   1177.69373   1081.38720
1004.24456   945.52195   899.78440   860.65541   822.41660
  3747185.77 | 1295.47699   1227.87603   1144.52856   1053.26662
972.21200   908.87989   860.91828   824.62768   792.67520
  3747085.77 | 1205.11431   1162.74936   1099.47807   1026.63620
950.72984   884.89051   831.82734   792.61902   761.62890

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: AREA4 ***
INCLUDING SOURCE(S):
PAREA4 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF DPM IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)					
	445072.99	445172.99	445272.99	445372.99	445472.99	445572.99
3748485.77	1694.64794	1562.36027	1445.73051	1349.35169	1262.11680	1185.74971
3748385.77	1640.76926	1513.31908	1406.72012	1314.03699	1233.92450	1159.82661
3748285.77	1561.11367	1446.19098	1349.04140	1263.30344	1187.88472	1120.87663
3748185.77	1470.88949	1369.22569	1281.71929	1204.54028	1135.98713	1074.74032
3748085.77	1392.63471	1300.49674	1220.53297	1150.95792	1087.34376	1030.43732
3747985.77	1330.88629	1246.21280	1175.16420	1108.56053	1047.35240	994.19830
3747885.77	1262.61545	1197.53037	1134.07088	1073.79039	1016.04526	965.92712
3747785.77	1184.64683	1137.20495	1085.63994	1033.13892	985.05886	939.80957
3747685.77	1092.05996	1059.85138	1024.14740	986.32530	947.86529	910.15233
3747585.77	987.95684	966.93161	947.57845	926.09004	900.04312	874.90257
3747485.77	893.00097	876.45757	863.95593	852.24915	839.08297	822.77734
3747385.77	827.16506	804.44467	788.90153	779.81190	770.77108	759.76286

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  3747285.77 |     788.20694    758.74144    735.48732    718.72974
707.49713    698.45350
  3747185.77 |     761.01185    730.26599    703.60546    679.21036
660.18981    646.39345
  3747085.77 |     734.81573    708.45885    682.79919    656.74452
632.27624    612.94059

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

PAGE 210
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: AREA4    ***
                                 INCLUDING SOURCE(S):
PAREA4      ,

                                                *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                             ** CONC OF DPM      IN
MICROGRAMS/M**3                               **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443047.86    3748855.70    13049.08721
443030.11    3748868.74    10897.96840
         443016.91    3748884.58     9283.03077
442999.31    3748898.66     7993.32032
         442983.47    3748918.02     6830.62217
442962.35    3748934.74     5920.38986
         442947.39    3748948.82     5346.92164
442935.07    3748963.78     4873.89317
         442916.59    3748985.78     4281.15425
442898.98    3749001.62     3896.47816
         442881.38    3749017.46     3581.93425
442868.18    3749033.31     3328.28127
         442854.10    3749046.51     3130.25649
442832.98    3749062.35     2901.22811
         442816.26    3749081.71     2690.15076
442801.30    3749094.91     2550.90282
         442780.18    3749111.63     2384.00602
442764.34    3749127.47     2256.80129
         442750.26    3749130.11     2211.81199
442722.10    3749138.03     2113.28995
         442705.38    3749146.83     2038.33133
442678.10    3749144.19     1989.23124
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         442659.62    3749147.71     1936.32693
442638.49    3749145.07     1900.59294
         442662.26    3749101.07     2116.30004
442694.82    3749095.79     2230.81632
         442709.78    3749094.03     2283.47421
442730.02    3749086.99     2381.25124
         442752.02    3749068.51     2558.66589
442796.90    3749035.94     2969.26067
         442817.14    3749007.78     3316.69104
442845.30    3748987.54     3710.21525
         442865.54    3748973.46     4041.73182
442840.90    3748956.74     4025.40036
         442888.42    3748944.42     4705.16971
442871.70    3748932.10     4693.72252
         442872.58    3748910.98     5034.53828
442880.50    3748896.90     5397.31851
         442906.02    3748895.14     5899.79245
442925.39    3748905.70     6046.08839
         442928.03    3748871.38     6984.78585
442942.99    3748881.94     7085.10908
         442959.71    3748871.38     7925.72056
442923.63    3748842.34     7656.30368
         442937.71    3748821.22     8831.85564
442971.15    3748822.98    10422.04442
         442986.11    3748841.46    10332.28202
442985.23    3748812.42    11849.68540
         443001.95    3748822.10    12502.56455
443063.55    3748836.18    16776.37905
         443064.43    3748815.06    20220.22574
443051.23    3748791.30    21415.17725
         443003.71    3748799.22    14212.85498
442974.67    3748795.70    11940.64141
         443038.91    3748779.86    20591.78848
443027.47    3748759.62    20452.18186
         443023.95    3748743.77    20892.22753
443008.99    3748724.41    19112.45917
         443008.99    3748702.41    19649.30847
443097.87    3748795.70    32940.49353
         443090.83    3748778.98    35276.24816
443071.47    3748764.02    30650.55594
         443064.43    3748742.01    30786.97119
443051.23    3748723.53    27777.56174
         443042.43    3748707.69    26187.62969
443042.43    3748691.85    26408.90964
         443141.87    3748742.01   112997.47487
443121.63    3748726.17    73784.54220
         443107.55    3748705.05    56678.71030
443088.19    3748676.01    41841.02007
         443145.39    3748708.57   114809.32610
443176.19    3748679.53   180084.62890
         443103.15    3748670.73    49849.95883
443230.76    3748790.42   178456.79516
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         443242.20    3748767.54   289959.82119
443255.40    3748742.89   343736.48573
         443265.08    3748712.97   396507.01571
443278.28    3748687.45   388732.69869
         443297.64    3748659.29   373044.75564
443306.44    3748793.94    81592.46895

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

PAGE 211
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: AREA4    ***
                                 INCLUDING SOURCE(S):
PAREA4      ,

                                              *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                           ** CONC OF DPM      IN
MICROGRAMS/M**3                             **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443339.88    3748786.02    71543.14368
443371.56    3748768.42    68716.26687
         443392.68    3748756.98    64538.46629
443418.20    3748739.37    60505.68304
         443444.60    3748724.41    55229.42557
443471.89    3748711.21    48337.87844
         443496.53    3748694.49    44367.81427
443525.57    3748681.29    40005.00718
         443548.45    3748668.09    36569.86976
443583.65    3748651.37    32470.16873
         443383.00    3748960.26     9708.54605
443380.36    3748936.50    11950.43078
         443370.68    3748910.10    15470.42683
443386.52    3748896.02    17641.76544
         443423.48    3748874.90    20137.20117
443448.13    3748859.94    21420.00149
         443465.73    3748849.38    22014.93709
443497.41    3748829.14    22522.82133
         443513.25    3748820.34    22356.50215
443539.65    3748809.78    21621.57247
         443559.89    3748803.62    20857.31445
443581.89    3748796.58    20009.97196
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         443602.13    3748793.06    18946.60781
443624.13    3748791.30    17752.54903
         443642.61    3748786.90    17111.57701
443661.09    3748783.38    16401.96292
         443683.97    3748786.02    15176.03866
443535.25    3748597.69    45107.45000
         443511.49    3748617.05    49291.03095
443491.25    3748637.29    52622.54978
         443468.37    3748647.85    59622.42952
443441.08    3748674.25    64538.84249
         443414.68    3748689.21    75316.45017
443389.16    3748705.93    88141.64257
         443307.32    3748632.01   372889.78953
443322.28    3748600.33   337851.60039
         443336.36    3748572.17   298603.21417
443355.72    3748617.05   199229.46951
         443377.72    3748583.61   180154.78745
443387.40    3748555.45   179084.83739
         443399.72    3748531.69   176391.25857
443409.40    3748510.56   177337.98329
         443339.88    3748550.17   320603.70410
443358.36    3748517.61   260464.59490
         443360.12    3748489.44   298504.36530
443372.44    3748464.80   354727.47706
         443394.44    3748441.04   296366.01962
443497.41    3748439.28   119877.32718
         443522.05    3748422.56    95760.64326
443541.41    3748404.08    79104.70822
         443557.25    3748392.64    65885.88719
443580.13    3748376.80    52753.61065
         443602.13    3748365.36    42989.81475
443623.25    3748346.00    34804.29230
         443653.17    3748335.44    28331.60497
443671.65    3748321.36    24160.38796
         443508.85    3748368.88   100319.18310
443479.81    3748380.32   155211.98174
         443526.45    3748355.68    76905.60634
443548.45    3748339.84    56945.65425
         443571.33    3748324.00    43566.34992
443590.69    3748310.80    35076.63339
         443612.69    3748296.72    27845.13545
443636.45    3748282.64    22636.04870
         443654.93    3748265.92    18717.07429
443672.53    3748246.56    15529.62683
         443689.25    3748231.60    13361.51650
443706.85    3748215.75    11580.04799
         443691.02    3748297.60    19494.54616
443707.74    3748282.64    16507.71820
         443725.34    3748266.80    13926.93626
443741.18    3748257.12    12419.24223
         443759.66    3748243.04    11144.13986
443773.74    3748221.03     9640.17366
```

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         443794.86    3748203.43     8518.03704
443813.34    3748185.83     7675.05449
         443824.78    3748163.83     6892.77621
443842.38    3748150.63     6389.65467
         443794.86    3748123.35     6217.40438
443808.06    3748106.63     5759.28093

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

PAGE 212
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: AREA4    ***
                                 INCLUDING SOURCE(S):
PAREA4      ,

                                                *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                              ** CONC OF DPM      IN
MICROGRAMS/M**3                                **

       X-COORD (M)   Y-COORD (M)        CONC                         X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443773.74    3748145.35     7043.10691
443762.30    3748169.11     7982.27346
         443749.10    3748183.19     8775.32119
443724.46    3748197.27    10037.59190
         443669.01    3748506.17    30595.71613
443691.02    3748531.69    26450.35163
         443709.50    3748544.89    24074.88744
443731.50    3748574.81    21588.90778
         443760.54    3748588.01    19300.37541
443782.54    3748564.25    18277.44884
         443807.18    3748539.61    17158.37321
443826.54    3748515.85    16239.90545
         443852.94    3748491.21    14848.01786
443863.50    3748470.08    14226.00356
         443881.98    3748439.28    13044.52355
443881.10    3748410.24    12647.14333
         443899.59    3748423.44    12092.55448
443891.66    3748384.72    11716.97941
         443911.07    3748370.97    10741.22247
443929.51    3748345.54     9703.42815
         443939.05    3748329.01     9110.76716
443954.95    3748309.93     8353.72334
```

```
         443975.29    3748291.49     7554.94649
443932.69    3748260.34     7748.33069
         443907.90    3748288.95     9020.96038
443892.00    3748306.75     9884.91570
         443878.65    3748325.19    10776.97904
443864.66    3748341.09    11701.26145
         443848.13    3748357.62    12913.56451
443829.69    3748376.69    14339.48031
         443795.99    3748384.96    16573.67641
443774.37    3748402.76    18611.75744
         443747.03    3748423.75    21639.60302
443723.50    3748442.19    24299.65487
         443705.70    3748458.72    26151.44486
443678.36    3748482.88    29946.98699
         443730.50    3748499.41    23174.83637
443747.03    3748481.61    21801.72797
         443773.10    3748465.71    19811.34509
443753.39    3748477.79    21315.64922
         443778.19    3748500.05    19350.66111
443792.17    3748480.97    18498.71227
         443816.97    3748455.54    16704.34940
443801.08    3748442.82    17605.75178
         443815.70    3748424.38    16341.06158
443834.14    3748437.73    15456.84066
         443855.06    3748084.13     5006.39689
443836.57    3748062.13     4799.63530
         443812.81    3748041.00     4679.68803
443769.68    3747996.11     4515.38051
         443828.65    3748013.72     4254.33012
443816.33    3747989.95     4064.13580
         443813.69    3747954.75     3773.33111
443764.40    3747961.79     4236.71929
         443730.07    3747945.06     4401.68458
443706.31    3747923.06     4439.33214
         443688.70    3747902.81     4376.84961
443664.94    3747880.81     4253.71374
         443646.45    3747852.64     4044.59773
443619.17    3747824.48     3909.76304
         443604.20    3747805.99     3850.86727
443618.29    3747776.95     3567.55054
         443639.41    3747752.30     3306.68056
443670.22    3747725.02     3038.42103
         443702.78    3747688.05     2771.78094
443684.30    3747671.33     2736.95619
         443719.51    3747704.77     2822.60365
443730.07    3747724.14     2912.59148
         443752.96    3747739.98     2966.12743
443766.16    3747760.23     3065.27006
         443789.04    3747782.23     3110.40198
443802.25    3747798.07     3139.76060
         443819.85    3747817.44     3166.55769
443838.33    3747832.40     3142.15839
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         443855.06    3747848.24     3111.73432
443868.26    3747867.61     3100.60380
         443885.86    3747890.49     3075.68739
443905.23    3747909.86     3057.82988
         443919.31    3747930.10     3129.00796
443942.20    3747945.94     3252.13831

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

PAGE 213
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: AREA4    ***
                                INCLUDING SOURCE(S):
PAREA4      ,

                                                *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                             ** CONC OF DPM      IN
MICROGRAMS/M**3                               **

       X-COORD (M)   Y-COORD (M)        CONC                         X-
COORD (M)   Y-COORD (M)         CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443955.40    3747961.79     3271.93759
443984.44    3747930.10     2933.52860
         443991.49    3747911.62     2798.80988
443994.13    3747889.61     2698.34851
         444004.69    3747868.49     2531.36308
444006.45    3747849.12     2457.08009
         444014.37    3747831.52     2375.07757
444017.01    3747807.75     2316.13000
         444024.93    3747790.15     2257.14066
444036.38    3747768.15     2182.54391
         444047.82    3747747.90     2114.40916
444058.38    3747728.54     2048.50897
         444071.58    3747710.05     1979.84939
444086.55    3747695.97     1916.19177
         444102.39    3747681.89     1854.55656
444114.71    3747666.92     1807.69484
         444132.32    3747655.48     1755.16123
444112.95    3747621.15     1756.46771
         443727.52    3747635.23     2517.18686
443741.61    3747647.56     2547.71820
         443754.81    3747668.68     2611.72928
443769.77    3747684.53     2653.23630
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         443780.34    3747695.09     2711.91756
443797.06    3747714.46     2794.46333
         443809.38    3747727.66     2845.35768
443823.47    3747745.26     2907.20606
         443846.35    3747775.19     2931.08756
443860.44    3747786.63     2900.75711
         443868.36    3747769.91     2819.96090
443879.80    3747749.67     2713.67492
         443887.72    3747723.26     2599.94796
443892.12    3747702.13     2509.90979
         443895.64    3747682.77     2414.78316
443893.00    3747660.76     2356.62661
         443893.88    3747640.52     2304.54807
443897.41    3747621.15     2250.37604
         443900.05    3747604.43     2205.31463
443899.17    3747585.94     2161.47197
         443901.81    3747563.94     2107.24940
443901.81    3747546.33     2067.90237
         443904.45    3747526.97     2024.75773
443903.57    3747507.60     1981.60434
         443901.81    3747487.36     1934.70086
443905.33    3747466.23     1884.73441
         443904.45    3747445.99     1822.63391
443903.57    3747429.26     1780.49657
         443904.45    3747407.26     1733.51378
443903.57    3747388.77     1695.79590
         443900.93    3747365.01     1650.71417
443894.76    3747341.24     1610.07916
         443891.24    3747320.99     1577.29072
443886.84    3747302.51     1550.61098
         443883.32    3747278.74     1518.43468
443882.44    3747257.62     1490.83720
         443875.40    3747240.89     1477.59228
443862.20    3747223.29     1470.98306
         443848.99    3747203.92     1464.22781
443875.40    3747192.48     1425.39060
         443893.88    3747174.00     1390.18783
443900.93    3747150.23     1362.47396
         443879.80    3747124.70     1358.55025
443859.56    3747118.54     1370.98416
         443821.71    3747120.30     1405.58647
444137.71    3747581.54     1669.12726
         444132.43    3747563.06     1661.21395
444122.74    3747541.93     1666.29187
         444115.70    3747514.64     1663.44868
444104.26    3747490.88     1670.79692
         444093.70    3747447.75     1647.50979
444089.29    3747432.78     1637.41768
         444084.01    3747410.78     1615.10848
444079.61    3747394.05     1594.38505
         444066.41    3747371.17     1571.48275
444065.53    3747356.20     1551.46323
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         444057.61    3747328.92     1524.63966
444048.80    3747309.55     1507.90739
         444041.76    3747289.31     1486.54522
444039.12    3747269.94     1462.31904
         444032.08    3747252.34     1441.62911
444026.80    3747232.09     1414.36615

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

PAGE 214
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: AREA4    ***
                                 INCLUDING SOURCE(S):
PAREA4      ,

                                                *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                              ** CONC OF DPM      IN
MICROGRAMS/M**3                                **

       X-COORD (M)   Y-COORD (M)        CONC                         X-
COORD (M)   Y-COORD (M)         CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         444024.16    3747211.85     1385.12254
444012.71    3747194.24     1362.23055
         444009.19    3747178.40     1340.99609
444000.39    3747159.03     1318.49600
         443990.71    3747139.67     1300.20412
443987.19    3747122.06     1282.65667
         443544.98    3747753.94     3558.15853
443566.91    3747739.32     3421.67949
         443582.75    3747705.21     3176.53937
443608.33    3747662.57     2884.42141
         443585.18    3747683.28     3039.79473
443664.38    3747610.18     2550.84885
         444061.69    3748396.73     7062.78198
443702.16    3748778.14    14863.26918
         443720.87    3748761.68    14846.27594
443735.08    3748748.96    14764.10157
         443761.27    3748751.20    13526.24477
443781.48    3748750.46    12800.43970
         443799.43    3748733.25    12720.14598
443816.64    3748742.23    11898.61292
         443859.29    3748707.06    11506.81186
443854.80    3748660.67    12744.82995
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         443872.01    3748652.43    12285.08389
443881.74    3748635.23    12229.34249
         443889.22    3748615.02    12250.95262
443912.42    3748586.59    11676.16202
         443949.73    3748543.05    10551.99584
443955.98    3748523.52    10427.38465
         443964.58    3748509.45    10164.43314
443975.51    3748496.56     9807.88697
         444002.47    3748489.92     9008.14469
443993.02    3748508.17     9289.64498
         443984.29    3748521.95     9518.54716
443976.48    3748538.50     9736.99785
         443964.53    3748550.90    10066.57575
443950.28    3748565.15    10457.72502
         443942.47    3748583.07    10625.95434
444015.08    3748474.62     8608.63264
         444023.81    3748461.29     8322.85170
444033.00    3748446.13     8013.62485
         444049.55    3748429.58     7556.02168
444052.31    3748411.20     7399.03952
         443186.88    3748634.70   169903.17182
443201.94    3748608.36   170629.44266
         443224.52    3748583.89   184847.94693
443237.69    3748551.90   182854.05995
         443250.87    3748525.56   185433.67898
443267.80    3748491.68   152489.21054
         443290.38    3748454.05   158653.78633
443299.79    3748416.41   134038.00944
         443299.79    3748384.42   115047.74091
443301.67    3748352.43   106024.77015
         443305.44    3748320.44    94066.22358
443117.28    3748611.37    49884.82786
         443090.70    3748626.39    39302.03861
443162.35    3748585.94    77201.17448
         443179.69    3748558.20    78874.30176
443190.09    3748530.47    70357.80024
         443205.11    3748494.64    66587.16302
443229.38    3748456.50    64000.52558
         443231.69    3748413.74    54554.29356
443252.50    3748389.47    61873.01460
         443186.62    3748471.53    50394.40775
443141.55    3748525.85    44589.11973
         443138.08    3748498.11    37623.06723
443150.79    3748472.68    37551.34280
         443169.29    3748447.26    38420.00428
443183.15    3748419.52    38089.83921
         443202.80    3748396.41    40804.98189
443224.76    3748373.29    44881.61181
         443238.63    3748345.56    45161.31099
443112.66    3748590.56    44796.22328
         443080.30    3748597.50    33746.22260
443072.21    3748572.07    29887.38281
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         443103.41    3748554.74    36983.36260
443093.01    3748532.78    31917.91122
         444066.11    3748315.51     6243.60702
444098.47    3748350.18     6022.77256
         444078.82    3748294.71     5837.50517
444089.22    3748273.90     5493.19113

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

PAGE 215
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: AREA4    ***
                                INCLUDING SOURCE(S):
PAREA4      ,

                                                *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                             ** CONC OF DPM      IN
MICROGRAMS/M**3                               **

       X-COORD (M)   Y-COORD (M)        CONC                         X-
COORD (M)   Y-COORD (M)         CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         444096.16    3748253.10     5212.38212
444111.18    3748321.29     5617.26943
         444131.98    3748302.79     5221.33239
444135.45    3748284.30     5028.33804
         443313.52    3748260.81    51309.44684
443230.72    3748275.87    27901.36006
         443260.83    3748238.23    26046.41363
443274.00    3748215.65    23622.67083
         443304.11    3748178.01    19180.14580
443198.73    3748330.44    29691.72051
         443155.44    3748373.72    26651.59891
443119.69    3748411.36    24051.11711
         443100.87    3748441.47    24104.53857
443093.34    3748477.23    26848.04519
         443080.17    3748501.69    26515.01309
443718.12    3747857.82     3862.88983
         443737.76    3747882.38     3918.99652
443765.27    3747898.10     3806.23045
         443754.47    3747918.73     4001.93422
443696.50    3747826.38     3719.10869
         443672.93    3747804.77     3604.11781
443726.96    3747844.07     3729.53388
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         443710.26    3747771.37     3253.65344
443737.76    3747790.04     3295.36779
         443746.61    3747808.70     3395.40957
443762.32    3747821.47     3416.20723
         443787.87    3747845.05     3414.43156
443800.64    3747866.66     3445.94186
         443806.53    3747929.54     3674.25940
443520.64    3747701.59     3188.61619
         443551.64    3747661.73     2948.70037
443591.49    3747635.16     2772.26159
         443836.47    3747717.70     2794.26365
443840.73    3747688.60     2674.31616
         443841.44    3747663.76     2548.50746
443804.53    3747670.15     2687.60838
         443787.49    3747657.37     2577.08189
443777.55    3747633.95     2463.11089
         443744.90    3747619.04     2438.21382
443761.94    3747606.26     2377.63206
         443844.28    3747623.30     2349.13706
443847.12    3747599.88     2267.30273
         443852.79    3747578.58     2196.23426
443849.96    3747558.00     2135.58327
         443849.96    3747537.41     2080.91359
443854.92    3747518.25     2026.09114
         443847.12    3747495.53     1966.13961
443853.50    3747478.50     1920.06389
         443850.67    3747457.20     1869.60953
443854.21    3747438.75     1824.10500
         443849.96    3747397.58     1739.91241
443854.21    3747418.16     1777.90554
         443853.50    3747378.41     1702.46117
443843.57    3747336.54     1639.59919
         443836.47    3747315.24     1614.96656
443829.37    3747296.08     1595.71861
         443827.95    3747274.07     1568.76705
443816.59    3747254.20     1557.75446
         443805.95    3747236.45     1548.50374
443803.11    3747219.42     1531.12759
         443838.60    3747186.06     1456.81342
443838.60    3747171.15     1441.74676
         443970.69    3747984.97     3311.20355
443980.63    3747995.62     3326.68069
         443994.83    3748014.08     3403.94724
444006.19    3748026.85     3454.07247
         444016.83    3748040.34     3529.51459
444040.26    3748051.70     3548.49547
         444048.78    3748065.90     3634.99200
444060.13    3748085.77     3771.63394
         444079.30    3748100.68     3835.59783
444088.53    3748117.00     3954.01969
         444101.30    3748132.62     4040.58740
444114.79    3748147.53     4087.40128
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         444129.70    3748161.72     4113.85952
444141.76    3748177.34     4147.51379
         444158.09    3748180.89     4052.08499
444169.45    3748204.31     4101.16054
         444190.03    3748217.09     4000.47297
444192.83    3748193.06     3823.70516

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

PAGE 216
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: AREA4    ***
                                 INCLUDING SOURCE(S):
PAREA4      ,

                                                *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                              ** CONC OF DPM      IN
MICROGRAMS/M**3                                **

       X-COORD (M)   Y-COORD (M)        CONC                         X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         444195.33    3748122.70     3407.60278
444008.68    3747956.49     2925.16469
         444019.33    3747969.98     2963.80297
444042.75    3747981.34     2942.02690
         444051.27    3747995.53     3029.45354
444062.63    3748015.41     3162.48269
         444081.79    3748030.32     3233.76313
444091.02    3748046.64     3344.52983
         444103.80    3748062.26     3446.82356
444117.29    3748077.17     3517.83346
         444132.19    3748091.36     3566.22072
444144.26    3748106.98     3620.69281
         444160.59    3748110.53     3565.77539
444171.94    3748133.95     3638.38511
         444192.53    3748146.73     3555.26760
444143.39    3748498.90     6165.10438
         444154.04    3748512.39     6043.53831
444177.46    3748523.75     5767.32017
         444185.98    3748537.95     5697.17212
444197.34    3748557.82     5585.19741
         444216.50    3748572.73     5381.07182
444225.73    3748589.06     5297.23183
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         444238.51    3748604.67     5174.12639
444251.99    3748619.58     5044.11779
         444266.90    3748633.77     4902.21862
444278.97    3748649.39     4786.40858
         444295.29    3748652.94     4646.29652
444306.65    3748676.37     4531.67632
         444237.65    3748593.44     5178.19780
444061.66    3748440.72     7344.53301
         444085.08    3748452.08     6935.09319
444093.60    3748466.28     6863.90710
         444104.96    3748486.15     6737.22279
444124.12    3748501.06     6481.00429
         444133.35    3748517.39     6383.37757
444146.13    3748533.00     6211.64128
         444159.61    3748547.91     6043.91938
444174.52    3748562.11     5869.55453
         444186.59    3748577.72     5725.10239
444202.91    3748581.27     5539.63659
         444214.27    3748604.70     5427.80410
444234.86    3748617.47     5211.11905
         443957.64    3748095.60     4437.45989
443122.97    3748822.03    30596.95821
         443097.97    3748847.03    18674.88832
443122.97    3748847.03    21750.55273
         443072.97    3748872.03    12823.46010
443097.97    3748872.03    14312.18269
         443122.97    3748872.03    15955.05741
443047.97    3748897.03     9545.16118
         443072.97    3748897.03    10408.57362
443097.97    3748897.03    11301.29631
         443122.97    3748897.03    12205.08956
443028.81    3748928.79     7281.08624
         443047.97    3748922.03     7996.22932
443072.97    3748922.03     8563.22146
         443097.97    3748922.03     9107.51160
443122.97    3748922.03     9644.31198
         443147.97    3748922.03    10200.58730
443172.97    3748922.03    10786.75821
         443003.50    3748951.02     6013.12784
443022.97    3748947.03     6428.11173
         443047.97    3748947.03     6777.85726
443072.97    3748947.03     7150.14660
         443097.97    3748947.03     7495.76682
443122.97    3748947.03     7849.16123
         443147.97    3748947.03     8242.47681
443172.97    3748947.03     8680.72004
         442977.27    3748975.72     5016.93310
442997.97    3748972.03     5314.08791
         443022.97    3748972.03     5566.13762
443047.97    3748972.03     5818.59833
         443072.97    3748972.03     6061.81838
443097.97    3748972.03     6298.60995
```

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         443122.97    3748972.03     6558.37380
443147.97    3748972.03     6859.91600
         443172.97    3748972.03     7196.04257
442947.97    3748997.03     4320.23588
         442972.97    3748997.03     4505.97500
442997.97    3748997.03     4689.61525

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

PAGE 217
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: AREA4    ***
                                 INCLUDING SOURCE(S):
PAREA4      ,

                                              *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                           ** CONC OF DPM      IN
MICROGRAMS/M**3                             **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443022.97    3748997.03     4864.81662
443047.97    3748997.03     5039.26354
         443072.97    3748997.03     5208.25314
443097.97    3748997.03     5390.17761
         443122.97    3748997.03     5597.64757
443147.97    3748997.03     5832.88078
         442922.97    3749022.03     3758.53880
442947.97    3749022.03     3900.51223
         442972.97    3749022.03     4042.96512
442997.97    3749022.03     4178.54700
         443022.97    3749022.03     4301.43384
443047.97    3749022.03     4424.35878
         443072.97    3749022.03     4545.51291
443102.27    3749028.48     4557.05894
         443118.05    3749011.89     5094.59657
442918.36    3749057.17     3285.59256
         442947.05    3749054.10     3436.03877
442972.97    3749047.03     3639.48969
         442997.97    3749047.03     3737.20771
443018.97    3749057.17     3640.60736
         443043.67    3749053.18     3792.16101
443072.97    3749047.03     4011.90052
```

```
         442904.73    3749080.33     2988.85187
442925.74    3749077.56     3086.79284
         442947.97    3749072.03     3217.71214
442972.66    3749064.96     3385.07196
         443457.06    3748487.91   133924.05103
443482.06    3748487.91   109170.68071
         443507.06    3748487.91    90784.05391
443532.06    3748487.91    76524.66489
         443557.06    3748487.91    63490.63511
443457.06    3748512.91   116258.09794
         443482.06    3748512.91    95955.33995
443507.06    3748512.91    80897.11413
         443532.06    3748512.91    67712.41758
443557.06    3748512.91    51886.10312
         443457.06    3748537.91   103598.15562
443482.06    3748537.91    85308.43754
         443507.06    3748537.91    70056.01205
443536.36    3748544.37    51820.62508
         443552.14    3748527.77    50990.54510
443453.06    3748573.06    93366.95718
         443477.76    3748569.06    77299.84525
443507.06    3748562.91    61185.58032
         443366.59    3748666.11   136889.56547
443391.66    3748647.31   116541.86882
         443416.73    3748620.15   104578.27097
443349.87    3748862.52    27444.10599
         443366.59    3748829.09    38837.06002
443391.66    3748814.46    40448.43734
         443408.37    3748793.57    44512.41782
443429.27    3748820.73    31967.48762
         443441.80    3748770.58    43630.85788
443475.23    3748791.48    32072.54069
         443489.86    3748745.51    38867.07809
443525.38    3748758.05    30651.80423
         443535.83    3748722.53    34416.43041
443590.15    3748732.98    25705.38814
         443611.04    3748693.28    26583.50011
443650.74    3748724.62    20855.36609
         443696.71    3748714.17    18573.05982
443725.96    3748712.08    16973.61164
         443665.37    3748670.29    23085.60715
443719.69    3748664.03    19598.33232
         443765.66    3748689.10    15942.20981
443774.02    3748638.95    17401.35125
         443819.98    3748645.22    14592.66141
443625.67    3748641.04    28096.85595
         443604.78    3748611.79    32014.38859
443567.17    3748590.90    38959.67293
         443562.99    3748553.29    44117.24308
443615.22    3748572.09    33113.78943
         443650.74    3748597.17    27470.80806
443663.28    3748620.15    25355.20213
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         443583.88    3748442.55    57763.12151
443615.22    3748465.53    44481.44436
         443625.67    3748407.03    41703.82254
443663.28    3748423.75    34866.46920
         443667.46    3748373.60    30700.78919
443713.42    3748386.14    24204.47961

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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***        11:21:37

PAGE 218
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: AREA4    ***
                                INCLUDING SOURCE(S):
PAREA4      ,

                                                *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                             ** CONC OF DPM      IN
MICROGRAMS/M**3                               **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)         CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443719.69    3748331.81    19854.42176
443753.12    3748340.17    17769.51579
         443829.20    3748575.04    15568.99690
443866.07    3748577.50    13734.51462
         443878.36    3748520.96    13624.85930
443907.86    3748457.05    12179.01031
         443915.24    3748501.30    12114.10842
443954.57    3748432.47    10325.59484
         443969.31    3748390.68     9427.43807
443988.98    3748351.35     8358.24966
         443775.12    3748319.40    15156.45512
443802.16    3748280.93    12238.47875
         443839.76    3748246.23     9586.24331
443868.68    3748237.55     8610.23550
         443871.57    3748202.85     7421.85403
443926.52    3747829.80     2713.49433
         443958.33    3747864.50     2780.63080
443935.19    3747771.96     2533.33412
         443972.79    3747777.74     2425.92884
443943.87    3747699.66     2335.23000
         444001.71    3747705.44     2198.14164
443938.08    3747653.39     2228.19055
```

```
         443990.14    3747653.39     2079.84058
444050.87    3747650.50     1930.44655
         443952.54    3747595.55     2084.95219
443984.35    3747592.66     2001.09600
         444065.33    3747578.20     1819.73645
443958.33    3747523.25     1946.73510
         444007.49    3747523.25     1858.62365
443961.22    3747450.96     1786.46981
         444013.27    3747456.74     1750.27285
443958.33    3747378.66     1651.76352
         444001.71    3747381.55     1635.20726
443940.98    3747306.36     1534.80951
         443984.35    3747312.15     1538.89735
443940.98    3747231.17     1423.22087
         444047.98    3747514.58     1788.48445

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
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***        11:21:37

PAGE 219
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: LINE3    ***
                                INCLUDING SOURCE(S):
L0000569    , L0000570    , L0000571    , L0000572    , L0000573    ,
                L0000574    , L0000575    , L0000576    ,
L0000577    , L0000578    , L0000579    , L0000580    , L0000581    ,
                L0000582    , L0000583    , L0000584    ,
L0000585    , L0000586    , L0000587    , L0000588    , L0000589    ,
                L0000590    , L0000591    , L0000592    ,
L0000593    , L0000594    , L0000595    , L0000596    ,  . . .      ,

                                    *** NETWORK ID: UCART1   ;  NETWORK
TYPE: GRIDCART ***

                                         ** CONC OF DPM      IN
MICROGRAMS/M**3                           **

    Y-COORD  |                                                 X-COORD
(METERS)
    (METERS) |     443543.62    443581.38    443619.14    443656.90
443694.66    443732.42
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  3748168.50 |       0.12302      0.13803      0.15679      0.18189
0.21758      0.26625
  3748138.04 |       0.11882      0.13263      0.14963      0.17202
0.20359      0.24536
```

```
  3748107.58 |       0.11405      0.12681      0.14211      0.16177
0.18928      0.22388
  3748077.12 |       0.10914      0.12058      0.13474      0.15221
0.17570      0.20447
  3748046.66 |       0.10441      0.11451      0.12690      0.14306
0.16326      0.18722
  3748016.20 |       0.10001      0.10901      0.12022      0.13414
0.15153      0.17028

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

PAGE 220
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: LINE3    ***
                                INCLUDING SOURCE(S):
L0000569    , L0000570    , L0000571    , L0000572    , L0000573    ,
               L0000574    , L0000575    , L0000576    ,
L0000577    , L0000578    , L0000579    , L0000580    , L0000581    ,
               L0000582    , L0000583    , L0000584    ,
L0000585    , L0000586    , L0000587    , L0000588    , L0000589    ,
               L0000590    , L0000591    , L0000592    ,
L0000593    , L0000594    , L0000595    , L0000596    ,  . . .      ,

                                   *** NETWORK ID: UCART2   ;  NETWORK
TYPE: GRIDCART ***

                                        ** CONC OF DPM      IN
MICROGRAMS/M**3                          **

    Y-COORD  |                                                X-COORD
(METERS)
    (METERS) |     444172.99    444272.99    444372.99    444472.99
444572.99    444672.99    444772.99    444872.99    444972.99
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  3748485.77 |      10.99067      4.14076      1.56610      0.86227
0.54597      0.37433      0.27290      0.21045      0.16837
  3748385.77 |       5.01883      1.66727      0.90619      0.58296
0.40285      0.29432      0.22377      0.17593      0.14278
  3748285.77 |       1.66080      0.87178      0.56244      0.39748
0.29752      0.22886      0.18170      0.14653      0.12134
  3748185.77 |       0.74112      0.48587      0.35230      0.27211
0.21831      0.17677      0.14555      0.12245      0.10321
  3748085.77 |       0.37461      0.28945      0.23362      0.19398
0.16420      0.13905      0.11895      0.10270      0.08853
```

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  3747985.77 |       0.22627      0.19407      0.16746      0.14444
0.12743      0.11219      0.09827      0.08700      0.07683
  3747885.77 |       0.15375      0.14290      0.13020      0.11517
0.10175      0.09223      0.08286      0.07445      0.06724
  3747785.77 |       0.11347      0.11032      0.10471      0.09310
0.08471      0.07771      0.07091      0.06433      0.05903
  3747685.77 |       0.08770      0.08769      0.08528      0.07813
0.07179      0.06736      0.06193      0.05660      0.05221
  3747585.77 |       0.06971      0.07058      0.07153      0.06786
0.06248      0.05948      0.05577      0.05101      0.04696
  3747485.77 |       0.05757      0.05921      0.06075      0.05918
0.05581      0.05282      0.05016      0.04645      0.04302
  3747385.77 |       0.04855      0.05087      0.05190      0.05134
0.05076      0.04781      0.04565      0.04274      0.03974
  3747285.77 |       0.04174      0.04407      0.04503      0.04454
0.04380      0.04293      0.04157      0.03958      0.03688
  3747185.77 |       0.03636      0.03878      0.03992      0.03930
0.03875      0.03857      0.03782      0.03651      0.03456
  3747085.77 |       0.03205      0.03413      0.03525      0.03510
0.03464      0.03479      0.03456      0.03378      0.03225

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

PAGE 221
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: LINE3    ***
                                INCLUDING SOURCE(S):
L0000569    , L0000570    , L0000571    , L0000572    , L0000573    ,
                L0000574    , L0000575    , L0000576    ,
L0000577    , L0000578    , L0000579    , L0000580    , L0000581    ,
                L0000582    , L0000583    , L0000584    ,
L0000585    , L0000586    , L0000587    , L0000588    , L0000589    ,
                L0000590    , L0000591    , L0000592    ,
L0000593    , L0000594    , L0000595    , L0000596    ,  . . .      ,

                                    *** NETWORK ID: UCART2   ;  NETWORK
TYPE: GRIDCART ***

                                         ** CONC OF DPM      IN
MICROGRAMS/M**3                           **

    Y-COORD  |                                                 X-COORD
(METERS)
    (METERS) |     445072.99    445172.99    445272.99    445372.99
445472.99    445572.99
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

```
  3748485.77 |       0.13855      0.11727      0.10070      0.08770
0.07710      0.06841
  3748385.77 |       0.12003      0.10279      0.08982      0.07950
0.07099      0.06378
  3748285.77 |       0.10341      0.08979      0.07928      0.07092
0.06411      0.05841
  3748185.77 |       0.08894      0.07827      0.06993      0.06309
0.05744      0.05279
  3748085.77 |       0.07712      0.06841      0.06171      0.05629
0.05165      0.04772
  3747985.77 |       0.06804      0.06065      0.05507      0.05050
0.04666      0.04340
  3747885.77 |       0.06048      0.05476      0.04981      0.04579
0.04247      0.03976
  3747785.77 |       0.05418      0.04977      0.04552      0.04183
0.03894      0.03659
  3747685.77 |       0.04870      0.04521      0.04175      0.03862
0.03597      0.03383
  3747585.77 |       0.04403      0.04108      0.03835      0.03579
0.03342      0.03153
  3747485.77 |       0.04022      0.03787      0.03556      0.03330
0.03123      0.02938
  3747385.77 |       0.03717      0.03523      0.03332      0.03142
0.02944      0.02757
  3747285.77 |       0.03465      0.03294      0.03138      0.02969
0.02795      0.02622
  3747185.77 |       0.03242      0.03074      0.02958      0.02812
0.02655      0.02498
  3747085.77 |       0.03046      0.02890      0.02783      0.02669
0.02530      0.02395

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

PAGE 222
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: LINE3    ***
                                INCLUDING SOURCE(S):
L0000569    , L0000570    , L0000571    , L0000572    , L0000573    ,
                L0000574    , L0000575    , L0000576    ,
L0000577    , L0000578    , L0000579    , L0000580    , L0000581    ,
                L0000582    , L0000583    , L0000584    ,
L0000585    , L0000586    , L0000587    , L0000588    , L0000589    ,
                L0000590    , L0000591    , L0000592    ,
L0000593    , L0000594    , L0000595    , L0000596    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
443047.86	3748855.70	0.04334	443030.11	3748868.74	0.04221
443016.91	3748884.58	0.04123	442999.31	3748898.66	0.04016
442983.47	3748918.02	0.03908	442962.35	3748934.74	0.03792
442947.39	3748948.82	0.03711	442935.07	3748963.78	0.03639
442916.59	3748985.78	0.03527	442898.98	3749001.62	0.03437
442881.38	3749017.46	0.03360	442868.18	3749033.31	0.03294
442854.10	3749046.51	0.03237	442832.98	3749062.35	0.03157
442816.26	3749081.71	0.03085	442801.30	3749094.91	0.03030
442780.18	3749111.63	0.02953	442764.34	3749127.47	0.02897
442750.26	3749130.11	0.02865	442722.10	3749138.03	0.02800
442705.38	3749146.83	0.02754	442678.10	3749144.19	0.02701
442659.62	3749147.71	0.02660	442638.49	3749145.07	0.02622
442662.26	3749101.07	0.02719	442694.82	3749095.79	0.02794
442709.78	3749094.03	0.02829	442730.02	3749086.99	0.02884
442752.02	3749068.51	0.02960	442796.90	3749035.94	0.03120
442817.14	3749007.78	0.03219	442845.30	3748987.54	0.03328
442865.54	3748973.46	0.03408	442840.90	3748956.74	0.03366
442888.42	3748944.42	0.03535	442871.70	3748932.10	0.03505
442872.58	3748910.98	0.03542	442880.50	3748896.90	0.03591
442906.02	3748895.14	0.03682	442925.39	3748905.70	0.03736
442928.03	3748871.38	0.03808	442942.99	3748881.94	0.03844

```
         442959.71    3748871.38        0.03929
442923.63    3748842.34        0.03843
         442937.71    3748821.22        0.03939
442971.15    3748822.98        0.04072
         442986.11    3748841.46        0.04095
442985.23    3748812.42        0.04155
         443001.95    3748822.10        0.04211
443063.55    3748836.18        0.04461
         443064.43    3748815.06        0.04516
443051.23    3748791.30        0.04490
         443003.71    3748799.22        0.04268
442974.67    3748795.70        0.04143
         443038.91    3748779.86        0.04457
443027.47    3748759.62        0.04447
         443023.95    3748743.77        0.04457
443008.99    3748724.41        0.04419
         443008.99    3748702.41        0.04448
443097.87    3748795.70        0.04726
         443090.83    3748778.98        0.04718
443071.47    3748764.02        0.04636
         443064.43    3748742.01        0.04632
443051.23    3748723.53        0.04586
         443042.43    3748707.69        0.04572
443042.43    3748691.85        0.04593
         443141.87    3748742.01        0.05108
443121.63    3748726.17        0.05008
         443107.55    3748705.05        0.04950
443088.19    3748676.01        0.04866
         443145.39    3748708.57        0.05203
443176.19    3748679.53        0.05489
         443103.15    3748670.73        0.04970
443230.76    3748790.42        0.05699
         443242.20    3748767.54        0.05870
443255.40    3748742.89        0.06054
         443265.08    3748712.97        0.06226
443278.28    3748687.45        0.06411
         443297.64    3748659.29        0.06698
443306.44    3748793.94        0.06292

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

PAGE 223
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: LINE3    ***
                                  INCLUDING SOURCE(S):
L0000569    , L0000570    , L0000571    , L0000572    , L0000573    ,
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                L0000574    , L0000575    , L0000576    ,
L0000577    , L0000578    , L0000579    , L0000580    , L0000581    ,
                L0000582    , L0000583    , L0000584    ,
L0000585    , L0000586    , L0000587    , L0000588    , L0000589    ,
                L0000590    , L0000591    , L0000592    ,
L0000593    , L0000594    , L0000595    , L0000596    ,  . . .      ,

                                              *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                          ** CONC OF DPM      IN
MICROGRAMS/M**3                            **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443339.88    3748786.02        0.06663
443371.56    3748768.42        0.07132
         443392.68    3748756.98        0.07456
443418.20    3748739.37        0.07897
         443444.60    3748724.41        0.08352
443471.89    3748711.21        0.08915
         443496.53    3748694.49        0.09487
443525.57    3748681.29        0.10159
         443548.45    3748668.09        0.10820
443583.65    3748651.37        0.11898
         443383.00    3748960.26        0.06334
443380.36    3748936.50        0.06440
         443370.68    3748910.10        0.06489
443386.52    3748896.02        0.06725
         443423.48    3748874.90        0.07268
443448.13    3748859.94        0.07675
         443465.73    3748849.38        0.07986
443497.41    3748829.14        0.08615
         443513.25    3748820.34        0.08948
443539.65    3748809.78        0.09491
         443559.89    3748803.62        0.09921
443581.89    3748796.58        0.10434
         443602.13    3748793.06        0.10925
443624.13    3748791.30        0.11477
         443642.61    3748786.90        0.11991
443661.09    3748783.38        0.12542
         443683.97    3748786.02        0.13201
443535.25    3748597.69        0.11191
         443511.49    3748617.05        0.10432
443491.25    3748637.29        0.09835
         443468.37    3748647.85        0.09287
443441.08    3748674.25        0.08672
         443414.68    3748689.21        0.08154
443389.16    3748705.93        0.07680
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         443307.32    3748632.01        0.06894
443322.28    3748600.33        0.07187
         443336.36    3748572.17        0.07477
443355.72    3748617.05        0.07534
         443377.72    3748583.61        0.07962
443387.40    3748555.45        0.08235
         443399.72    3748531.69        0.08505
443409.40    3748510.56        0.08736
         443339.88    3748550.17        0.07589
443358.36    3748517.61        0.07979
         443360.12    3748489.44        0.08060
443372.44    3748464.80        0.08275
         443394.44    3748441.04        0.08757
443497.41    3748439.28        0.11012
         443522.05    3748422.56        0.11921
443541.41    3748404.08        0.12735
         443557.25    3748392.64        0.13455
443580.13    3748376.80        0.14533
         443602.13    3748365.36        0.15713
443623.25    3748346.00        0.17062
         443653.17    3748335.44        0.19182
443671.65    3748321.36        0.20889
         443508.85    3748368.88        0.11796
443479.81    3748380.32        0.10869
         443526.45    3748355.68        0.12442
443548.45    3748339.84        0.13324
         443571.33    3748324.00        0.14346
443590.69    3748310.80        0.15342
         443612.69    3748296.72        0.16654
443636.45    3748282.64        0.18290
         443654.93    3748265.92        0.19783
443672.53    3748246.56        0.21382
         443689.25    3748231.60        0.23038
443706.85    3748215.75        0.24940
         443691.02    3748297.60        0.23200
443707.74    3748282.64        0.25545
         443725.34    3748266.80        0.28327
443741.18    3748257.12        0.30991
         443759.66    3748243.04        0.35350
443773.74    3748221.03        0.38497
         443794.86    3748203.43        0.45201
443813.34    3748185.83        0.52587
         443824.78    3748163.83        0.53998
443842.38    3748150.63        0.61005
         443794.86    3748123.35        0.33390
443808.06    3748106.63        0.33863

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  *** THE ANNUAL AVERAGE CONCENTRATION   VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: LINE3   ***
                                INCLUDING SOURCE(S):
L0000569   , L0000570   , L0000571   , L0000572   , L0000573   ,
                L0000574   , L0000575   , L0000576   ,
L0000577   , L0000578   , L0000579   , L0000580   , L0000581   ,
                L0000582   , L0000583   , L0000584   ,
L0000585   , L0000586   , L0000587   , L0000588   , L0000589   ,
                L0000590   , L0000591   , L0000592   ,
L0000593   , L0000594   , L0000595   , L0000596   , . . .   ,

                                          *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                         ** CONC OF DPM   IN
MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-
COORD (M)   Y-COORD (M)   CONC
 -
- -
         443773.74   3748145.35   0.31757
443762.30   3748169.11   0.31949
         443749.10   3748183.19   0.30388
443724.46   3748197.27   0.26876
         443669.01   3748506.17   0.17415
443691.02   3748531.69   0.18149
         443709.50   3748544.89   0.18902
443731.50   3748574.81   0.19309
         443760.54   3748588.01   0.20656
443782.54   3748564.25   0.23168
         443807.18   3748539.61   0.26465
443826.54   3748515.85   0.29966
         443852.94   3748491.21   0.35582
443863.50   3748470.08   0.39666
         443881.98   3748439.28   0.48378
443881.10   3748410.24   0.53799
         443899.59   3748423.44   0.57132
443891.66   3748384.72   0.64670
         443911.07   3748370.97   0.80744
443929.51   3748345.54   1.12823
         443939.05   3748329.01   1.44649
443954.95   3748309.93   2.22906
         443975.29   3748291.49   4.62242
443932.69   3748260.34   3.15105
         443907.90   3748288.95   1.40573
443892.00   3748306.75   1.00918

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         443878.65    3748325.19        0.78967
443864.66    3748341.09        0.64723
         443848.13    3748357.62        0.53169
443829.69    3748376.69        0.44176
         443795.99    3748384.96        0.35558
443774.37    3748402.76        0.30649
         443747.03    3748423.75        0.25974
443723.50    3748442.19        0.22950
         443705.70    3748458.72        0.21025
443678.36    3748482.88        0.18466
         443730.50    3748499.41        0.21665
443747.03    3748481.61        0.23677
         443773.10    3748465.71        0.26889
443753.39    3748477.79        0.24395
         443778.19    3748500.05        0.25708
443792.17    3748480.97        0.28141
         443816.97    3748455.54        0.33145
443801.08    3748442.82        0.31767
         443815.70    3748424.38        0.35637
443834.14    3748437.73        0.37697
         443855.06    3748084.13        0.39582
443836.57    3748062.13        0.30969
         443812.81    3748041.00        0.24763
443769.68    3747996.11        0.17551
         443828.65    3748013.72        0.22811
443816.33    3747989.95        0.19407
         443813.69    3747954.75        0.16298
443764.40    3747961.79        0.15133
         443730.07    3747945.06        0.13340
443706.31    3747923.06        0.12117
         443688.70    3747902.81        0.11178
443664.94    3747880.81        0.10128
         443646.45    3747852.64        0.09224
443619.17    3747824.48        0.08439
         443604.20    3747805.99        0.08084
443618.29    3747776.95        0.07754
         443639.41    3747752.30        0.07501
443670.22    3747725.02        0.07289
         443702.78    3747688.05        0.07023
443684.30    3747671.33        0.06687
         443719.51    3747704.77        0.07393
443730.07    3747724.14        0.07837
         443752.96    3747739.98        0.08388
443766.16    3747760.23        0.09024
         443789.04    3747782.23        0.09757
443802.25    3747798.07        0.10320
         443819.85    3747817.44        0.11165
443838.33    3747832.40        0.11898
         443855.06    3747848.24        0.12664
443868.26    3747867.61        0.13570
         443885.86    3747890.49        0.14790
443905.23    3747909.86        0.16193
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         443919.31    3747930.10        0.18190
443942.20    3747945.94        0.20269

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

PAGE 225
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: LINE3    ***
                                INCLUDING SOURCE(S):
L0000569    , L0000570    , L0000571    , L0000572    , L0000573    ,
                L0000574    , L0000575    , L0000576    ,
L0000577    , L0000578    , L0000579    , L0000580    , L0000581    ,
                L0000582    , L0000583    , L0000584    ,
L0000585    , L0000586    , L0000587    , L0000588    , L0000589    ,
                L0000590    , L0000591    , L0000592    ,
L0000593    , L0000594    , L0000595    , L0000596    ,  . . .      ,

                                                *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                            ** CONC OF DPM      IN
MICROGRAMS/M**3                              **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443955.40    3747961.79        0.22159
443984.44    3747930.10        0.19292
         443991.49    3747911.62        0.17754
443994.13    3747889.61        0.16266
         444004.69    3747868.49        0.14899
444006.45    3747849.12        0.13843
         444014.37    3747831.52        0.12996
444017.01    3747807.75        0.12123
         444024.93    3747790.15        0.11546
444036.38    3747768.15        0.10881
         444047.82    3747747.90        0.10314
444058.38    3747728.54        0.09770
         444071.58    3747710.05        0.09281
444086.55    3747695.97        0.08918
         444102.39    3747681.89        0.08578
444114.71    3747666.92        0.08283
         444132.32    3747655.48        0.08066
444112.95    3747621.15        0.07414
         443727.52    3747635.23        0.06622
443741.61    3747647.56        0.06877
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         443754.81    3747668.68        0.07195
443769.77    3747684.53        0.07466
         443780.34    3747695.09        0.07892
443797.06    3747714.46        0.08491
         443809.38    3747727.66        0.08930
443823.47    3747745.26        0.09511
         443846.35    3747775.19        0.10385
443860.44    3747786.63        0.10767
         443868.36    3747769.91        0.10374
443879.80    3747749.67        0.09904
         443887.72    3747723.26        0.09258
443892.12    3747702.13        0.08717
         443895.64    3747682.77        0.08123
443893.00    3747660.76        0.07649
         443893.88    3747640.52        0.07325
443897.41    3747621.15        0.07046
         443900.05    3747604.43        0.06817
443899.17    3747585.94        0.06567
         443901.81    3747563.94        0.06316
443901.81    3747546.33        0.06132
         443904.45    3747526.97        0.05961
443903.57    3747507.60        0.05768
         443901.81    3747487.36        0.05557
443905.33    3747466.23        0.05365
         443904.45    3747445.99        0.05037
443903.57    3747429.26        0.04831
         443904.45    3747407.26        0.04643
443903.57    3747388.77        0.04486
         443900.93    3747365.01        0.04298
443894.76    3747341.24        0.04118
         443891.24    3747320.99        0.03973
443886.84    3747302.51        0.03849
         443883.32    3747278.74        0.03704
443882.44    3747257.62        0.03590
         443875.40    3747240.89        0.03513
443862.20    3747223.29        0.03431
         443848.99    3747203.92        0.03337
443875.40    3747192.48        0.03315
         443893.88    3747174.00        0.03268
443900.93    3747150.23        0.03203
         443879.80    3747124.70        0.03084
443859.56    3747118.54        0.03024
         443821.71    3747120.30        0.03010
444137.71    3747581.54        0.06857
         444132.43    3747563.06        0.06570
444122.74    3747541.93        0.06322
         444115.70    3747514.64        0.06050
444104.26    3747490.88        0.05836
         444093.70    3747447.75        0.05408
444089.29    3747432.78        0.05262
         444084.01    3747410.78        0.05030
444079.61    3747394.05        0.04835
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         444066.41    3747371.17        0.04565
444065.53    3747356.20        0.04437
         444057.61    3747328.92        0.04263
444048.80    3747309.55        0.04166
         444041.76    3747289.31        0.04065
444039.12    3747269.94        0.03965
         444032.08    3747252.34        0.03876
444026.80    3747232.09        0.03758

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

PAGE 226
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: LINE3    ***
                                INCLUDING SOURCE(S):
L0000569    , L0000570    , L0000571    , L0000572    , L0000573    ,
                L0000574    , L0000575    , L0000576    ,
L0000577    , L0000578    , L0000579    , L0000580    , L0000581    ,
                L0000582    , L0000583    , L0000584    ,
L0000585    , L0000586    , L0000587    , L0000588    , L0000589    ,
                L0000590    , L0000591    , L0000592    ,
L0000593    , L0000594    , L0000595    , L0000596    ,  . . .      ,

                                                *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                               ** CONC OF DPM      IN
MICROGRAMS/M**3                                 **

       X-COORD (M)   Y-COORD (M)        CONC                         X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         444024.16    3747211.85        0.03629
444012.71    3747194.24        0.03517
         444009.19    3747178.40        0.03425
444000.39    3747159.03        0.03329
         443990.71    3747139.67        0.03259
443987.19    3747122.06        0.03193
         443544.98    3747753.94        0.06878
443566.91    3747739.32        0.06834
         443582.75    3747705.21        0.06548
443608.33    3747662.57        0.06179
         443585.18    3747683.28        0.06312
443664.38    3747610.18        0.05985
         444061.69    3748396.73        3.88647
443702.16    3748778.14        0.13881
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         443720.87    3748761.68        0.14788
443735.08    3748748.96        0.15558
         443761.27    3748751.20        0.16682
443781.48    3748750.46        0.17666
         443799.43    3748733.25        0.18992
443816.64    3748742.23        0.19758
         443859.29    3748707.06        0.23647
443854.80    3748660.67        0.25000
         443872.01    3748652.43        0.26910
443881.74    3748635.23        0.28766
         443889.22    3748615.02        0.30804
443912.42    3748586.59        0.36085
         443949.73    3748543.05        0.48604
443955.98    3748523.52        0.53682
         443964.58    3748509.45        0.59406
443975.51    3748496.56        0.66976
         444002.47    3748489.92        0.82760
443993.02    3748508.17        0.71053
         443984.29    3748521.95        0.63470
443976.48    3748538.50        0.56832
         443964.53    3748550.90        0.51013
443950.28    3748565.15        0.45370
         443942.47    3748583.07        0.41504
444015.08    3748474.62        0.99383
         444023.81    3748461.29        1.16840
444033.00    3748446.13        1.43348
         444049.55    3748429.58        2.02609
444052.31    3748411.20        2.60056
         443186.88    3748634.70        0.05702
443201.94    3748608.36        0.05881
         443224.52    3748583.89        0.06169
443237.69    3748551.90        0.06330
         443250.87    3748525.56        0.06501
443267.80    3748491.68        0.06799
         443290.38    3748454.05        0.07138
443299.79    3748416.41        0.07328
         443299.79    3748384.42        0.07355
443301.67    3748352.43        0.07380
         443305.44    3748320.44        0.07418
443117.28    3748611.37        0.05157
         443090.70    3748626.39        0.04956
443162.35    3748585.94        0.05560
         443179.69    3748558.20        0.05772
443190.09    3748530.47        0.05933
         443205.11    3748494.64        0.06130
443229.38    3748456.50        0.06460
         443231.69    3748413.74        0.06520
443252.50    3748389.47        0.06764
         443186.62    3748471.53        0.05976
443141.55    3748525.85        0.05510
         443138.08    3748498.11        0.05527
443150.79    3748472.68        0.05660
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         443169.29    3748447.26        0.05857
443183.15    3748419.52        0.06011
         443202.80    3748396.41        0.06214
443224.76    3748373.29        0.06450
         443238.63    3748345.56        0.06603
443112.66    3748590.56        0.05166
         443080.30    3748597.50        0.04944
443072.21    3748572.07        0.04936
         443103.41    3748554.74        0.05150
443093.01    3748532.78        0.05110
         444066.11    3748315.51       13.31721
444098.47    3748350.18       13.17249
         444078.82    3748294.71        5.97331
444089.22    3748273.90        3.62666

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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***        11:21:37

PAGE 227
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: LINE3    ***
                                INCLUDING SOURCE(S):
L0000569    , L0000570    , L0000571    , L0000572    , L0000573    ,
               L0000574    , L0000575    , L0000576    ,
L0000577    , L0000578    , L0000579    , L0000580    , L0000581    ,
               L0000582    , L0000583    , L0000584    ,
L0000585    , L0000586    , L0000587    , L0000588    , L0000589    ,
               L0000590    , L0000591    , L0000592    ,
L0000593    , L0000594    , L0000595    , L0000596    ,  . . .      ,

                                        *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                     ** CONC OF DPM      IN
MICROGRAMS/M**3                       **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         444096.16    3748253.10        2.55319
444111.18    3748321.29        5.19188
         444131.98    3748302.79        2.98669
444135.45    3748284.30        2.33236
         443313.52    3748260.81        0.07455
443230.72    3748275.87        0.06459
         443260.83    3748238.23        0.06732
443274.00    3748215.65        0.06833
```

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         443304.11    3748178.01        0.07110
443198.73    3748330.44        0.06179
         443155.44    3748373.72        0.05776
443119.69    3748411.36        0.05468
         443100.87    3748441.47        0.05292
443093.34    3748477.23        0.05180
         443080.17    3748501.69        0.05057
443718.12    3747857.82        0.10572
         443737.76    3747882.38        0.11540
443765.27    3747898.10        0.12455
         443754.47    3747918.73        0.12886
443696.50    3747826.38        0.09561
         443672.93    3747804.77        0.08777
443726.96    3747844.07        0.10406
         443710.26    3747771.37        0.08557
443737.76    3747790.04        0.09216
         443746.61    3747808.70        0.09795
443762.32    3747821.47        0.10350
         443787.87    3747845.05        0.11364
443800.64    3747866.66        0.12273
         443806.53    3747929.54        0.14674
443520.64    3747701.59        0.06226
         443551.64    3747661.73        0.05987
443591.49    3747635.16        0.05832
         443836.47    3747717.70        0.09096
443840.73    3747688.60        0.08539
         443841.44    3747663.76        0.07974
443804.53    3747670.15        0.08104
         443787.49    3747657.37        0.07530
443777.55    3747633.95        0.06965
         443744.90    3747619.04        0.06573
443761.94    3747606.26        0.06542
         443844.28    3747623.30        0.07025
443847.12    3747599.88        0.06670
         443852.79    3747578.58        0.06393
443849.96    3747558.00        0.06111
         443849.96    3747537.41        0.05904
443854.92    3747518.25        0.05705
         443847.12    3747495.53        0.05415
443853.50    3747478.50        0.05253
         443850.67    3747457.20        0.05038
443854.21    3747438.75        0.04858
         443849.96    3747397.58        0.04492
443854.21    3747418.16        0.04659
         443853.50    3747378.41        0.04361
443843.57    3747336.54        0.04054
         443836.47    3747315.24        0.03914
443829.37    3747296.08        0.03790
         443827.95    3747274.07        0.03666
443816.59    3747254.20        0.03565
         443805.95    3747236.45        0.03480
443803.11    3747219.42        0.03400
```

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         443838.60    3747186.06        0.03259
443838.60    3747171.15        0.03202
         443970.69    3747984.97        0.25298
443980.63    3747995.62        0.26898
         443994.83    3748014.08        0.30201
444006.19    3748026.85        0.32731
         444016.83    3748040.34        0.35840
444040.26    3748051.70        0.38248
         444048.78    3748065.90        0.41910
444060.13    3748085.77        0.48256
         444079.30    3748100.68        0.52795
444088.53    3748117.00        0.59807
         444101.30    3748132.62        0.66449
444114.79    3748147.53        0.72242
         444129.70    3748161.72        0.76895
444141.76    3748177.34        0.82870
         444158.09    3748180.89        0.78316
444169.45    3748204.31        0.87399
         444190.03    3748217.09        0.84355
444192.83    3748193.06        0.69896

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: LINE3    ***
                                INCLUDING SOURCE(S):
L0000569    , L0000570    , L0000571    , L0000572    , L0000573    ,
                L0000574    , L0000575    , L0000576    ,
L0000577    , L0000578    , L0000579    , L0000580    , L0000581    ,
                L0000582    , L0000583    , L0000584    ,
L0000585    , L0000586    , L0000587    , L0000588    , L0000589    ,
                L0000590    , L0000591    , L0000592    ,
L0000593    , L0000594    , L0000595    , L0000596    ,  . . .      ,

                                                 *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                          ** CONC OF DPM      IN
MICROGRAMS/M**3                            **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         444195.33    3748122.70        0.43331
444008.68    3747956.49        0.21731
```

```
         444019.33    3747969.98        0.23232
444042.75    3747981.34        0.24335
         444051.27    3747995.53        0.26298
444062.63    3748015.41        0.29327
         444081.79    3748030.32        0.31578
444091.02    3748046.64        0.34675
         444103.80    3748062.26        0.37750
444117.29    3748077.17        0.40635
         444132.19    3748091.36        0.43303
444144.26    3748106.98        0.46772
         444160.59    3748110.53        0.45658
444171.94    3748133.95        0.51447
         444192.53    3748146.73        0.50878
444143.39    3748498.90        3.59739
         444154.04    3748512.39        3.53278
444177.46    3748523.75        4.67236
         444185.98    3748537.95        4.27215
444197.34    3748557.82        3.80541
         444216.50    3748572.73        4.34425
444225.73    3748589.06        3.93159
         444238.51    3748604.67        3.89647
444251.99    3748619.58        3.98962
         444266.90    3748633.77        4.33359
444278.97    3748649.39        4.53506
         444295.29    3748652.94        6.70602
444306.65    3748676.37        7.06207
         444237.65    3748593.44        4.67629
444061.66    3748440.72        2.12104
         444085.08    3748452.08        2.61362
444093.60    3748466.28        2.47303
         444104.96    3748486.15        2.28677
444124.12    3748501.06        2.50646
         444133.35    3748517.39        2.34057
444146.13    3748533.00        2.32822
         444159.61    3748547.91        2.35306
444174.52    3748562.11        2.44698
         444186.59    3748577.72        2.40886
444202.91    3748581.27        2.94075
         444214.27    3748604.70        2.58940
444234.86    3748617.47        3.02635
         443957.64    3748095.60        0.62724
443122.97    3748822.03        0.04820
         443097.97    3748847.03        0.04614
443122.97    3748847.03        0.04765
         443072.97    3748872.03        0.04410
443097.97    3748872.03        0.04546
         443122.97    3748872.03        0.04696
443047.97    3748897.03        0.04226
         443072.97    3748897.03        0.04351
443097.97    3748897.03        0.04486
         443122.97    3748897.03        0.04626
443028.81    3748928.79        0.04062
```

```
         443047.97    3748922.03        0.04161
443072.97    3748922.03        0.04289
         443097.97    3748922.03        0.04418
443122.97    3748922.03        0.04549
         443147.97    3748922.03        0.04684
443172.97    3748922.03        0.04826
         443003.50    3748951.02        0.03903
443022.97    3748947.03        0.03994
         443047.97    3748947.03        0.04100
443072.97    3748947.03        0.04224
         443097.97    3748947.03        0.04347
443122.97    3748947.03        0.04474
         443147.97    3748947.03        0.04609
443172.97    3748947.03        0.04755
         442977.27    3748975.72        0.03746
442997.97    3748972.03        0.03831
         443022.97    3748972.03        0.03933
443047.97    3748972.03        0.04044
         443072.97    3748972.03        0.04161
443097.97    3748972.03        0.04280
         443122.97    3748972.03        0.04408
443147.97    3748972.03        0.04548
         443172.97    3748972.03        0.04698
442947.97    3748997.03        0.03598
         442972.97    3748997.03        0.03685
442997.97    3748997.03        0.03778

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
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***        11:21:37

PAGE 229
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: LINE3    ***
                                INCLUDING SOURCE(S):
L0000569    , L0000570    , L0000571    , L0000572    , L0000573    ,
                L0000574    , L0000575    , L0000576    ,
L0000577    , L0000578    , L0000579    , L0000580    , L0000581    ,
                L0000582    , L0000583    , L0000584    ,
L0000585    , L0000586    , L0000587    , L0000588    , L0000589    ,
                L0000590    , L0000591    , L0000592    ,
L0000593    , L0000594    , L0000595    , L0000596    ,  . . .      ,

                                                *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                               ** CONC OF DPM      IN
MICROGRAMS/M**3                                 **
```

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
443022.97	3748997.03	0.03876	443047.97	3748997.03	0.03983
443072.97	3748997.03	0.04097	443097.97	3748997.03	0.04221
443122.97	3748997.03	0.04356	443147.97	3748997.03	0.04500
442922.97	3749022.03	0.03472	442947.97	3749022.03	0.03553
442972.97	3749022.03	0.03642	442997.97	3749022.03	0.03735
443022.97	3749022.03	0.03831	443047.97	3749022.03	0.03935
443072.97	3749022.03	0.04045	443102.27	3749028.48	0.04185
443118.05	3749011.89	0.04300	442918.36	3749057.17	0.03398
442947.05	3749054.10	0.03494	442972.97	3749047.03	0.03596
442997.97	3749047.03	0.03688	443018.97	3749057.17	0.03743
443043.67	3749053.18	0.03856	443072.97	3749047.03	0.03998
442904.73	3749080.33	0.03320	442925.74	3749077.56	0.03391
442947.97	3749072.03	0.03469	442972.66	3749064.96	0.03564
443457.06	3748487.91	0.09707	443482.06	3748487.91	0.10271
443507.06	3748487.91	0.10904	443532.06	3748487.91	0.11614
443557.06	3748487.91	0.12469	443457.06	3748512.91	0.09598
443482.06	3748512.91	0.10153	443507.06	3748512.91	0.10770
443532.06	3748512.91	0.11499	443557.06	3748512.91	0.12547
443457.06	3748537.91	0.09499	443482.06	3748537.91	0.10052
443507.06	3748537.91	0.10713	443536.36	3748544.37	0.11665
443552.14	3748527.77	0.12252	443453.06	3748573.06	0.09248
443477.76	3748569.06	0.09815	443507.06	3748562.91	0.10645
443366.59	3748666.11	0.07493	443391.66	3748647.31	0.07911
443416.73	3748620.15	0.08399	443349.87	3748862.52	0.06498

```
         443366.59    3748829.09        0.06797
443391.66    3748814.46        0.07161
         443408.37    3748793.57        0.07482
443429.27    3748820.73        0.07641
         443441.80    3748770.58        0.08052
443475.23    3748791.48        0.08463
         443489.86    3748745.51        0.08950
443525.38    3748758.05        0.09529
         443535.83    3748722.53        0.09954
443590.15    3748732.98        0.11132
         443611.04    3748693.28        0.12111
443650.74    3748724.62        0.12906
         443696.71    3748714.17        0.14560
443725.96    3748712.08        0.15759
         443665.37    3748670.29        0.14123
443719.69    3748664.03        0.16358
         443765.66    3748689.10        0.18052
443774.02    3748638.95        0.19725
         443819.98    3748645.22        0.22779
443625.67    3748641.04        0.13282
         443604.78    3748611.79        0.13050
443567.17    3748590.90        0.12158
         443562.99    3748553.29        0.12390
443615.22    3748572.09        0.13969
         443650.74    3748597.17        0.14932
443663.28    3748620.15        0.14987
         443583.88    3748442.55        0.13958
443615.22    3748465.53        0.15182
         443625.67    3748407.03        0.16497
443663.28    3748423.75        0.18340
         443667.46    3748373.60        0.19626
443713.42    3748386.14        0.23629

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
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***        11:21:37

PAGE 230
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: LINE3    ***
                                  INCLUDING SOURCE(S):
L0000569    , L0000570    , L0000571    , L0000572    , L0000573    ,
               L0000574    , L0000575    , L0000576    ,
L0000577    , L0000578    , L0000579    , L0000580    , L0000581    ,
               L0000582    , L0000583    , L0000584    ,
L0000585    , L0000586    , L0000587    , L0000588    , L0000589    ,
               L0000590    , L0000591    , L0000592    ,
L0000593    , L0000594    , L0000595    , L0000596    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
443719.69	3748331.81	0.26042	443753.12	3748340.17	0.30652
443829.20	3748575.04	0.26644	443866.07	3748577.50	0.30473
443878.36	3748520.96	0.36747	443907.86	3748457.05	0.52209
443915.24	3748501.30	0.46305	443954.57	3748432.47	0.78100
443969.31	3748390.68	1.14485	443988.98	3748351.35	2.10268
443775.12	3748319.40	0.36212	443802.16	3748280.93	0.46819
443839.76	3748246.23	0.73856	443868.68	3748237.55	1.14150
443871.57	3748202.85	1.42484	443926.52	3747829.80	0.12622
443958.33	3747864.50	0.14652	443935.19	3747771.96	0.10681
443972.79	3747777.74	0.11129	443943.87	3747699.66	0.08775
444001.71	3747705.44	0.09247	443938.08	3747653.39	0.07631
443990.14	3747653.39	0.07630	444050.87	3747650.50	0.07788
443952.54	3747595.55	0.06764	443984.35	3747592.66	0.06670
444065.33	3747578.20	0.06713	443958.33	3747523.25	0.05940
444007.49	3747523.25	0.05903	443961.22	3747450.96	0.05055
444013.27	3747456.74	0.05238	443958.33	3747378.66	0.04440
444001.71	3747381.55	0.04533	443940.98	3747306.36	0.03964
443984.35	3747312.15	0.04124	443940.98	3747231.17	0.03551
444047.98	3747514.58	0.05953			

PAGE 231
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  *** THE ANNUAL AVERAGE CONCENTRATION   VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: AREA5   ***
                                INCLUDING SOURCE(S):
PAREA5   ,

                                 *** NETWORK ID: UCART1   ; NETWORK
TYPE: GRIDCART ***

                                      ** CONC OF DPM   IN
MICROGRAMS/M**3   **

    Y-COORD | X-COORD
(METERS)
    (METERS) | 443543.62   443581.38   443619.14   443656.90
443694.66   443732.42
 -
- -

  3748168.50 | 8180.25571   9613.67659 11350.01316 13796.11874
17148.74343 21680.03513
  3748138.04 | 8694.65948 10307.90563 12265.71714 15052.43997
19270.81548 25060.94912
  3748107.58 | 9166.31423 10947.41249 13163.12642 16314.79668
21368.60136 28290.36728
  3748077.12 | 9553.54804 11373.46248 13933.78346 17473.08459
23205.40698 31233.57766
  3748046.66 | 9733.12117 11620.68809 14273.19970 18231.90211
24538.27441 33549.66937
  3748016.20 | 9835.55903 11744.80422 14457.72756 18466.43816
24840.38439 34249.46971

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Trails of Corona\HRA\Construction HRA ***   12/21/18
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***   11:21:37

PAGE 232
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  *** THE ANNUAL AVERAGE CONCENTRATION   VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: AREA5   ***
                                INCLUDING SOURCE(S):
PAREA5   ,

                                 *** NETWORK ID: UCART2   ; NETWORK
TYPE: GRIDCART ***

```
                                        ** CONC OF DPM      IN
MICROGRAMS/M**3                          **

    Y-COORD  |                                                  X-COORD
(METERS)
    (METERS) |     444172.99    444272.99    444372.99    444472.99
444572.99    444672.99    444772.99    444872.99    444972.99
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  3748485.77 |    8667.18391   9008.17704   9261.95640   8764.45403
7843.48220   6816.59039   5857.78945   5048.50948   4346.69037
  3748385.77 |   22573.13182  21255.15613  17994.34735  14323.91951
11215.13142   8905.27631   7186.38637   5882.01694   4872.58348
  3748285.77 |  108100.83802  54617.83310  31201.65534  20059.55067
14041.90265  10371.90150   8012.35574   6357.69338   5177.71910
  3748185.77 |  267601.76310  73069.47947  35732.19748  21675.76632
14685.62754  10633.31859   8076.87740   6420.72027   5204.65278
  3748085.77 |  122434.73166  52308.81170  29512.83775  19091.31565
13307.67866   9824.39258   7592.53624   6065.80568   4958.19019
  3747985.77 |   66652.22528  35592.42275  21461.30264  14687.87322
10863.51421   8400.00063   6682.50107   5452.16802   4528.61684
  3747885.77 |   31052.70186  21638.58084  15313.88544  10991.04739
8282.59417   6712.51523   5594.52091   4708.02448   4010.72661
  3747785.77 |   16649.00747  13109.91473  10434.39957   7917.34518
6335.63932   5281.15132   4547.18473   3951.00582   3468.42044
  3747685.77 |   10302.94944   8649.65930   7206.07926   5870.00303
4852.94369   4193.26839   3697.82996   3302.27714   2965.73784
  3747585.77 |    7061.61443   6238.73327   5474.63319   4636.92698
3873.44607   3384.84302   3042.33924   2765.37316   2532.91598
  3747485.77 |    5220.51767   4881.50864   4453.54048   3860.32440
3290.46723   2841.70967   2539.56347   2317.21673   2158.56814
  3747385.77 |    4021.76732   3936.30856   3706.93352   3309.77843
2952.25679   2522.39544   2233.41243   2012.63725   1860.34168
  3747285.77 |    3221.59853   3209.07932   3120.92980   2866.14299
2559.33048   2276.44139   2031.01189   1830.15820   1664.59008
  3747185.77 |    2652.28937   2686.21564   2670.23397   2514.32475
2290.07575   2077.51494   1874.17236   1699.39510   1549.45329
  3747085.77 |    2231.51589   2273.90377   2271.16018   2210.50997
2062.29052   1907.06518   1748.22750   1598.45912   1459.80000

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

PAGE 233
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: AREA5    ***
```

INCLUDING SOURCE(S):
PAREA5 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF DPM IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	445072.99	445172.99	445272.99	445372.99	445472.99	445572.99
3748485.77	3756.05634	3292.58930	2899.90337	2584.33345	2310.69519	2080.76510
3748385.77	4129.32734	3535.88998	3082.42252	2714.36323	2419.03607	2165.69696
3748285.77	4320.47227	3665.75242	3168.03224	2772.86890	2463.84055	2203.93555
3748185.77	4327.05798	3670.89739	3169.65545	2774.85451	2458.25351	2200.31162
3748085.77	4150.10232	3543.82923	3076.02549	2707.95249	2406.73436	2160.08873
3747985.77	3843.49798	3310.09701	2904.69339	2571.52456	2296.62728	2073.58135
3747885.77	3456.92983	3033.77070	2685.22846	2397.09243	2153.71523	1956.42717
3747785.77	3068.72125	2744.66777	2458.44343	2211.30468	2007.23488	1834.34730
3747685.77	2691.35487	2452.35967	2236.89716	2043.95449	1873.29465	1724.27750
3747585.77	2339.85956	2161.93325	2011.41822	1873.75207	1742.10225	1625.28388
3747485.77	2020.98954	1900.15873	1792.00000	1693.18916	1600.31083	1510.30964
3747385.77	1748.30409	1662.85180	1586.86268	1519.92014	1451.45028	1382.54734
3747285.77	1549.69661	1467.85241	1405.04524	1351.48325	1302.95203	1254.46690
3747185.77	1424.42902	1329.61606	1265.51367	1210.26769	1165.52136	1127.13173
3747085.77	1343.13878	1246.01441	1172.33770	1111.48836	1060.53476	1022.70194

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  *** THE ANNUAL AVERAGE CONCENTRATION   VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: AREA5   ***
                                INCLUDING SOURCE(S):
PAREA5   ,

                                                *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                           ** CONC OF DPM   IN
MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-
COORD (M)   Y-COORD (M)   CONC
 -
- -
         443047.86   3748855.70   1122.05028
443030.11   3748868.74   1094.68025
         443016.91   3748884.58   1067.53285
442999.31   3748898.66   1041.33165
         442983.47   3748918.02   1011.82456
442962.35   3748934.74   983.98216
         442947.39   3748948.82   963.60142
442935.07   3748963.78   944.22131
         442916.59   3748985.78   914.53723
442898.98   3749001.62   892.46229
         442881.38   3749017.46   873.77973
442868.18   3749033.31   856.45176
         442854.10   3749046.51   842.24858
442832.98   3749062.35   823.98791
         442816.26   3749081.71   805.34762
442801.30   3749094.91   791.98804
         442780.18   3749111.63   774.18530
442764.34   3749127.47   760.12189
         442750.26   3749130.11   755.14997
442722.10   3749138.03   743.85778
         442705.38   3749146.83   734.13731
442678.10   3749144.19   727.48570
         442659.62   3749147.71   720.16002
442638.49   3749145.07   715.19749
         442662.26   3749101.07   745.02320
442694.82   3749095.79   758.93018
         442709.78   3749094.03   765.05890
442730.02   3749086.99   776.11731
         442752.02   3749068.51   795.03944
442796.90   3749035.94   833.43552
         442817.14   3749007.78   861.51514
442845.30   3748987.54   887.70860

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         442865.54    3748973.46      906.72952
442840.90    3748956.74      908.94543
         442888.42    3748944.42      942.25663
442871.70    3748932.10      944.34847
         442872.58    3748910.98      961.46122
442880.50    3748896.90      977.09640
         442906.02    3748895.14      993.53083
442925.39    3748905.70      996.53132
         442928.03    3748871.38     1029.00068
442942.99    3748881.94     1028.40211
         442959.71    3748871.38     1048.91079
442923.63    3748842.34     1052.53139
         442937.71    3748821.22     1083.38615
442971.15    3748822.98     1106.27282
         442986.11    3748841.46     1096.81498
442985.23    3748812.42     1128.62865
         443001.95    3748822.10     1131.30538
443063.55    3748836.18     1158.38352
         443064.43    3748815.06     1186.09325
443051.23    3748791.30     1202.32650
         443003.71    3748799.22     1159.02616
442974.67    3748795.70     1138.87799
         443038.91    3748779.86     1206.95063
443027.47    3748759.62     1223.31844
         443023.95    3748743.77     1238.66571
443008.99    3748724.41     1247.28008
         443008.99    3748702.41     1271.65092
443097.87    3748795.70     1236.55695
         443090.83    3748778.98     1251.61778
443071.47    3748764.02     1251.54045
         443064.43    3748742.01     1271.26035
443051.23    3748723.53     1279.28271
         443042.43    3748707.69     1291.36626
443042.43    3748691.85     1310.39208
         443141.87    3748742.01     1358.25354
443121.63    3748726.17     1358.97132
         443107.55    3748705.05     1371.58188
443088.19    3748676.01     1385.91019
         443145.39    3748708.57     1416.78765
443176.19    3748679.53     1510.93069
         443103.15    3748670.73     1414.65485
443230.76    3748790.42     1386.22645
         443242.20    3748767.54     1444.30528
443255.40    3748742.89     1509.44766
         443265.08    3748712.97     1587.08005
443278.28    3748687.45     1663.34854
         443297.64    3748659.29     1769.66154
443306.44    3748793.94     1440.49911

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES
AVERAGED OVER 5 YEARS FOR SOURCE GROUP: AREA5 ***
INCLUDING SOURCE(S):
PAREA5 ,

*** DISCRETE CARTESIAN
RECEPTOR POINTS ***

** CONC OF DPM IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
443339.88	3748786.02	1492.01956	443371.56	3748768.42	1577.14695
443392.68	3748756.98	1634.65910	443418.20	3748739.37	1721.05721
443444.60	3748724.41	1802.48614	443471.89	3748711.21	1896.45287
443496.53	3748694.49	2004.98613	443525.57	3748681.29	2109.70649
443548.45	3748668.09	2222.79034	443583.65	3748651.37	2387.77096
443383.00	3748960.26	1169.56110	443380.36	3748936.50	1212.27125
443370.68	3748910.10	1259.31651	443386.52	3748896.02	1295.55881
443423.48	3748874.90	1362.77250	443448.13	3748859.94	1413.34260
443465.73	3748849.38	1451.36720	443497.41	3748829.14	1529.83764
443513.25	3748820.34	1568.11316	443539.65	3748809.78	1618.76805
443559.89	3748803.62	1651.98701	443581.89	3748796.58	1691.77231
443602.13	3748793.06	1720.10579	443624.13	3748791.30	1743.17850
443642.61	3748786.90	1772.62078	443661.09	3748783.38	1800.79964
443683.97	3748786.02	1807.81125	443535.25	3748597.69	2624.87616
443511.49	3748617.05	2436.73694	443491.25	3748637.29	2277.00254

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         443468.37    3748647.85     2169.74409
443441.08    3748674.25     2007.59723
         443414.68    3748689.21     1899.40379
443389.16    3748705.93     1794.61525
         443307.32    3748632.01     1867.27487
443322.28    3748600.33     2003.32527
         443336.36    3748572.17     2142.15526
443355.72    3748617.05     2018.05081
         443377.72    3748583.61     2196.27264
443387.40    3748555.45     2346.68106
         443399.72    3748531.69     2490.62166
443409.40    3748510.56     2627.20575
         443339.88    3748550.17     2232.45589
443358.36    3748517.61     2433.00616
         443360.12    3748489.44     2555.27812
443372.44    3748464.80     2709.72812
         443394.44    3748441.04     2958.83638
443497.41    3748439.28     3576.71056
         443522.05    3748422.56     3949.63604
443541.41    3748404.08     4346.23118
         443557.25    3748392.64     4673.35094
443580.13    3748376.80     5172.59790
         443602.13    3748365.36     5673.94785
443623.25    3748346.00     6405.40513
         443653.17    3748335.44     7230.97557
443671.65    3748321.36     8089.41437
         443508.85    3748368.88     4440.91434
443479.81    3748380.32     4021.62917
         443526.45    3748355.68     4808.39976
443548.45    3748339.84     5324.90909
         443571.33    3748324.00     5937.71429
443590.69    3748310.80     6555.61804
         443612.69    3748296.72     7382.12980
443636.45    3748282.64     8416.38371
         443654.93    3748265.92     9614.31935
443672.53    3748246.56    11162.77603
         443689.25    3748231.60    12814.91174
443706.85    3748215.75    14969.57360
         443691.02    3748297.60     9580.15386
443707.74    3748282.64    10980.08320
         443725.34    3748266.80    12792.62846
443741.18    3748257.12    14410.27252
         443759.66    3748243.04    16944.50190
443773.74    3748221.03    20748.49348
         443794.86    3748203.43    26389.18113
443813.34    3748185.83    34336.72454
         443824.78    3748163.83    46501.95870
443842.38    3748150.63    66263.53186
         443794.86    3748123.35    45766.30639
443808.06    3748106.63    60240.40841
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: AREA5 ***
INCLUDING SOURCE(S):
PAREA5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
443773.74	3748145.35	32696.58219	443762.30	3748169.11	26312.15832
443749.10	3748183.19	22376.82531	443724.46	3748197.27	17940.32589
443669.01	3748506.17	4056.23514	443691.02	3748531.69	3852.38079
443709.50	3748544.89	3774.71357	443731.50	3748574.81	3477.87540
443760.54	3748588.01	3422.01847	443782.54	3748564.25	3850.70345
443807.18	3748539.61	4399.10189	443826.54	3748515.85	5027.33301
443852.94	3748491.21	5916.79673	443863.50	3748470.08	6739.35884
443881.98	3748439.28	8368.53932	443881.10	3748410.24	9999.96907
443899.59	3748423.44	9655.04016	443891.66	3748384.72	12262.55473
443911.07	3748370.97	14547.28113	443929.51	3748345.54	19279.46603
443939.05	3748329.01	23504.69990	443954.95	3748309.93	31451.01465
443975.29	3748291.49	46828.22776	443932.69	3748260.34	41433.55981
443907.90	3748288.95	27051.76095	443892.00	3748306.75	21477.76069
443878.65	3748325.19	17549.53520	443864.66	3748341.09	14770.18748

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         443848.13    3748357.62    12380.14540
443829.69    3748376.69    10347.72370
         443795.99    3748384.96     8865.74076
443774.37    3748402.76     7636.75721
         443747.03    3748423.75     6465.79728
443723.50    3748442.19     5685.42776
         443705.70    3748458.72     5154.36169
443678.36    3748482.88     4468.75270
         443730.50    3748499.41     4608.06258
443747.03    3748481.61     5090.93860
         443773.10    3748465.71     5710.91670
443753.39    3748477.79     5229.28127
         443778.19    3748500.05     4975.75275
443792.17    3748480.97     5538.14012
         443816.97    3748455.54     6571.63790
443801.08    3748442.82     6737.78955
         443815.70    3748424.38     7661.17263
443834.14    3748437.73     7497.20119
         443855.06    3748084.13   161457.27753
443836.57    3748062.13   119290.44835
         443812.81    3748041.00    84730.93662
443769.68    3747996.11    47496.71325
         443828.65    3748013.72   118455.24591
443816.33    3747989.95    90956.38316
         443813.69    3747954.75    78448.76950
443764.40    3747961.79    41827.95316
         443730.07    3747945.06    28333.68628
443706.31    3747923.06    22344.79742
         443688.70    3747902.81    18462.22155
443664.94    3747880.81    14412.88090
         443646.45    3747852.64    11728.92532
443619.17    3747824.48     9544.30119
         443604.20    3747805.99     8724.20687
443618.29    3747776.95     8485.28499
         443639.41    3747752.30     8344.97868
443670.22    3747725.02     8164.38054
         443702.78    3747688.05     7610.08298
443684.30    3747671.33     6821.32710
         443719.51    3747704.77     8563.51342
443730.07    3747724.14     9786.47276
         443752.96    3747739.98    11604.62640
443766.16    3747760.23    14049.55852
         443789.04    3747782.23    17885.09741
443802.25    3747798.07    21661.27143
         443819.85    3747817.44    29410.97160
443838.33    3747832.40    40274.64782
         443855.06    3747848.24    58910.39824
443868.26    3747867.61    94209.88220
         443885.86    3747890.49   147228.06131
443905.23    3747909.86   191318.34991
         443919.31    3747930.10   276778.87412
443942.20    3747945.94   375059.21017
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: AREA5 ***
INCLUDING SOURCE(S):
PAREA5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
443955.40	3747961.79	402815.22472	443984.44	3747930.10	156896.67628
443991.49	3747911.62	109888.17308	443994.13	3747889.61	80955.00188
444004.69	3747868.49	54952.47813	444006.45	3747849.12	43672.57611
444014.37	3747831.52	35297.68120	444017.01	3747807.75	28733.08938
444024.93	3747790.15	24682.82954	444036.38	3747768.15	20717.57734
444047.82	3747747.90	17859.49203	444058.38	3747728.54	15559.14339
444071.58	3747710.05	13680.28371	444086.55	3747695.97	12342.12129
444102.39	3747681.89	11184.03631	444114.71	3747666.92	10285.40536
444132.32	3747655.48	9549.29114	444112.95	3747621.15	8483.44376
443727.52	3747635.23	6695.59324	443741.61	3747647.56	7270.98488
443754.81	3747668.68	8095.40585	443769.77	3747684.53	8898.88394
443780.34	3747695.09	10012.09115	443797.06	3747714.46	11994.57627
443809.38	3747727.66	13746.67518	443823.47	3747745.26	16557.87251
443846.35	3747775.19	22289.33093	443860.44	3747786.63	25565.35331

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         443868.36    3747769.91    22297.73895
443879.80    3747749.67    19113.51064
         443887.72    3747723.26    15626.85143
443892.12    3747702.13    13304.66877
         443895.64    3747682.77    11294.01014
443893.00    3747660.76     9822.86710
         443893.88    3747640.52     8884.96581
443897.41    3747621.15     8151.62996
         443900.05    3747604.43     7595.07680
443899.17    3747585.94     7020.23810
         443901.81    3747563.94     6481.00727
443901.81    3747546.33     6100.50290
         443904.45    3747526.97     5763.70426
443903.57    3747507.60     5409.30650
         443901.81    3747487.36     5048.52270
443905.33    3747466.23     4742.23758
         443904.45    3747445.99     4298.05576
443903.57    3747429.26     4030.52543
         443904.45    3747407.26     3781.95116
443903.57    3747388.77     3583.65263
         443900.93    3747365.01     3353.12805
443894.76    3747341.24     3139.46854
         443891.24    3747320.99     2976.31597
443886.84    3747302.51     2838.40521
         443883.32    3747278.74     2683.36184
443882.44    3747257.62     2563.90172
         443875.40    3747240.89     2472.85445
443862.20    3747223.29     2370.47902
         443848.99    3747203.92     2261.78118
443875.40    3747192.48     2266.05409
         443893.88    3747174.00     2228.26436
443900.93    3747150.23     2159.86152
         443879.80    3747124.70     2037.36825
443859.56    3747118.54     1974.38790
         443821.71    3747120.30     1919.50122
444137.71    3747581.54     7194.81170
         444132.43    3747563.06     6750.13813
444122.74    3747541.93     6387.49986
         444115.70    3747514.64     5957.45856
444104.26    3747490.88     5639.90311
         444093.70    3747447.75     4985.34672
444089.29    3747432.78     4769.78482
         444084.01    3747410.78     4439.28956
444079.61    3747394.05     4178.02749
         444066.41    3747371.17     3832.56194
444065.53    3747356.20     3669.92835
         444057.61    3747328.92     3431.04645
444048.80    3747309.55     3286.63809
         444041.76    3747289.31     3143.88222
444039.12    3747269.94     3016.18222
         444032.08    3747252.34     2899.40139
444026.80    3747232.09     2762.42278
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: AREA5 ***
INCLUDING SOURCE(S):
PAREA5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
444024.16	3747211.85	2627.44327	444012.71	3747194.24	2505.42864
444009.19	3747178.40	2415.09864	444000.39	3747159.03	2314.95355
443990.71	3747139.67	2235.21073	443987.19	3747122.06	2168.73179
443544.98	3747753.94	6186.05257	443566.91	3747739.32	6411.49391
443582.75	3747705.21	6216.10045	443608.33	3747662.57	5730.15371
443585.18	3747683.28	5877.75740	443664.38	3747610.18	5384.49260
444061.69	3748396.73	17972.15590	443702.16	3748778.14	1855.59338
443720.87	3748761.68	1951.18079	443735.08	3748748.96	2033.37214
443761.27	3748751.20	2055.76474	443781.48	3748750.46	2086.06221
443799.43	3748733.25	2214.68330	443816.64	3748742.23	2183.35491
443859.29	3748707.06	2497.83076	443854.80	3748660.67	2896.09367
443872.01	3748652.43	3025.64397	443881.74	3748635.23	3250.83779
443889.22	3748615.02	3539.72364	443912.42	3748586.59	4078.31555
443949.73	3748543.05	5207.46641	443955.98	3748523.52	5804.61385

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         443964.58    3748509.45     6340.22466
443975.51    3748496.56     6934.01453
         444002.47    3748489.92     7487.19598
443993.02    3748508.17     6615.42718
         443984.29    3748521.95     6051.91398
443976.48    3748538.50     5485.17863
         443964.53    3748550.90     5083.20134
443950.28    3748565.15     4674.12870
         443942.47    3748583.07     4269.17616
444015.08    3748474.62     8434.57437
         444023.81    3748461.29     9397.25412
444033.00    3748446.13    10715.16053
         444049.55    3748429.58    12665.05211
444052.31    3748411.20    15134.21597
         443186.88    3748634.70     1625.63766
443201.94    3748608.36     1709.63506
         443224.52    3748583.89     1824.10190
443237.69    3748551.90     1927.81441
         443250.87    3748525.56     2031.39291
443267.80    3748491.68     2202.22229
         443290.38    3748454.05     2415.11707
443299.79    3748416.41     2607.90519
         443299.79    3748384.42     2740.14203
443301.67    3748352.43     2883.62908
         443305.44    3748320.44     3049.37824
443117.28    3748611.37     1531.61322
         443090.70    3748626.39     1463.13682
443162.35    3748585.94     1669.27222
         443179.69    3748558.20     1771.12972
443190.09    3748530.47     1867.18865
         443205.11    3748494.64     1997.70543
443229.38    3748456.50     2193.62865
         443231.69    3748413.74     2330.19506
443252.50    3748389.47     2495.66222
         443186.62    3748471.53     1998.83896
443141.55    3748525.85     1753.60885
         443138.08    3748498.11     1805.49630
443150.79    3748472.68     1893.96961
         443169.29    3748447.26     2011.30405
443183.15    3748419.52     2128.62690
         443202.80    3748396.41     2263.68947
443224.76    3748373.29     2423.96097
         443238.63    3748345.56     2580.23010
443112.66    3748590.56     1561.46354
         443080.30    3748597.50     1494.72028
443072.21    3748572.07     1523.25885
         443103.41    3748554.74     1605.67712
443093.01    3748532.78     1624.10583
         444066.11    3748315.51    70853.72970
444098.47    3748350.18    36462.32401
         444078.82    3748294.71   142046.36512
444089.22    3748273.90   252766.11164
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: AREA5 ***
INCLUDING SOURCE(S):
PAREA5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
444096.16	3748253.10	367162.20584	444111.18	3748321.29	67045.86159
444131.98	3748302.79	96090.67429	444135.45	3748284.30	143788.74979
443313.52	3748260.81	3398.28575	443230.72	3748275.87	2787.53613
443260.83	3748238.23	3120.69807	443274.00	3748215.65	3310.64161
443304.11	3748178.01	3741.17752	443198.73	3748330.44	2446.60543
443155.44	3748373.72	2149.79753	443119.69	3748411.36	1945.37654
443100.87	3748441.47	1824.31842	443093.34	3748477.23	1726.79483
443080.17	3748501.69	1650.65708	443718.12	3747857.82	19109.48754
443737.76	3747882.38	24759.12258	443765.27	3747898.10	33578.09513
443754.47	3747918.73	32660.41787	443696.50	3747826.38	14622.68591
443672.93	3747804.77	11722.73114	443726.96	3747844.07	19022.30869
443710.26	3747771.37	11839.80693	443737.76	3747790.04	14575.31286
443746.61	3747808.70	17205.00066	443762.32	3747821.47	20561.86767
443787.87	3747845.05	29402.55600	443800.64	3747866.66	41072.26930

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         443806.53    3747929.54    65186.45737
443520.64    3747701.59     5314.25425
         443551.64    3747661.73     5261.55434
443591.49    3747635.16     5114.45248
         443836.47    3747717.70    14588.28167
443840.73    3747688.60    12279.32031
         443841.44    3747663.76    10320.36189
443804.53    3747670.15    10605.07733
         443787.49    3747657.37     8854.14900
443777.55    3747633.95     7485.95129
         443744.90    3747619.04     6589.81004
443761.94    3747606.26     6524.03408
         443844.28    3747623.30     7845.93033
443847.12    3747599.88     7054.39478
         443852.79    3747578.58     6495.00540
443849.96    3747558.00     5943.43674
         443849.96    3747537.41     5549.24909
443854.92    3747518.25     5219.02730
         443847.12    3747495.53     4745.84738
443853.50    3747478.50     4519.27765
         443850.67    3747457.20     4204.92730
443854.21    3747438.75     3974.79673
         443849.96    3747397.58     3505.62169
443854.21    3747418.16     3724.37744
         443853.50    3747378.41     3350.40405
443843.57    3747336.54     2983.86072
         443836.47    3747315.24     2819.37523
443829.37    3747296.08     2679.31014
         443827.95    3747274.07     2551.20385
443816.59    3747254.20     2429.53219
         443805.95    3747236.45     2328.30241
443803.11    3747219.42     2248.85345
         443838.60    3747186.06     2171.72963
443838.60    3747171.15     2117.19094
         443970.69    3747984.97   439934.36798
443980.63    3747995.62   432632.83907
         443994.83    3748014.08   453594.08287
444006.19    3748026.85   448624.53998
         444016.83    3748040.34   460005.44934
444040.26    3748051.70   379596.28834
         444048.78    3748065.90   397005.92399
444060.13    3748085.77   433157.59785
         444079.30    3748100.68   406970.14346
444088.53    3748117.00   441358.52823
         444101.30    3748132.62   450443.73881
444114.79    3748147.53   460417.08993
         444129.70    3748161.72   457816.30918
444141.76    3748177.34   463505.51968
         444158.09    3748180.89   360827.22319
444169.45    3748204.31   328919.48654
         444190.03    3748217.09   205872.60482
444192.83    3748193.06   185986.02830
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: AREA5 ***
INCLUDING SOURCE(S):
PAREA5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
444195.33	3748122.70	119053.60658	444008.68	3747956.49	159030.06832
444019.33	3747969.98	166988.90329	444042.75	3747981.34	146639.90175
444051.27	3747995.53	161487.69273	444062.63	3748015.41	183371.26061
444081.79	3748030.32	179911.86291	444091.02	3748046.64	194090.87094
444103.80	3748062.26	201454.51766	444117.29	3748077.17	200835.58835
444132.19	3748091.36	194044.47611	444144.26	3748106.98	195843.56780
444160.59	3748110.53	168790.46927	444171.94	3748133.95	175827.47072
444192.53	3748146.73	142226.87982	444143.39	3748498.90	7899.15535
444154.04	3748512.39	7226.23468	444177.46	3748523.75	6776.40419
444185.98	3748537.95	6267.48964	444197.34	3748557.82	5611.42205
444216.50	3748572.73	5198.48686	444225.73	3748589.06	4812.08728
444238.51	3748604.67	4463.35684	444251.99	3748619.58	4168.99174
444266.90	3748633.77	3918.34404	444278.97	3748649.39	3666.39081
444295.29	3748652.94	3622.80702	444306.65	3748676.37	3292.72877

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         444237.65    3748593.44     4718.37522
444061.66    3748440.72    11698.49887
         444085.08    3748452.08    10924.40103
444093.60    3748466.28     9838.77010
         444104.96    3748486.15     8566.40506
444124.12    3748501.06     7817.57283
         444133.35    3748517.39     7058.13975
444146.13    3748533.00     6424.99426
         444159.61    3748547.91     5901.00819
444174.52    3748562.11     5485.56254
         444186.59    3748577.72     5054.59874
444202.91    3748581.27     4980.30625
         444214.27    3748604.70     4445.98589
444234.86    3748617.47     4197.91317
         443957.64    3748095.60   443359.40673
443122.97    3748822.03     1224.55495
         443097.97    3748847.03     1170.14061
443122.97    3748847.03     1191.77547
         443072.97    3748872.03     1117.81282
443097.97    3748872.03     1136.55113
         443122.97    3748872.03     1156.95428
443047.97    3748897.03     1070.99823
         443072.97    3748897.03     1088.11085
443097.97    3748897.03     1105.73797
         443122.97    3748897.03     1123.09313
443028.81    3748928.79     1023.65779
         443047.97    3748922.03     1041.60484
443072.97    3748922.03     1058.49128
         443097.97    3748922.03     1074.20568
443122.97    3748922.03     1088.90084
         443147.97    3748922.03     1102.72586
443172.97    3748922.03     1116.11388
         443003.50    3748951.02      986.17479
443022.97    3748947.03     1000.74258
         443047.97    3748947.03     1013.59131
443072.97    3748947.03     1029.21752
         443097.97    3748947.03     1042.93408
443122.97    3748947.03     1056.09629
         443147.97    3748947.03     1069.53534
443172.97    3748947.03     1083.42051
         442977.27    3748975.72      948.49420
442997.97    3748972.03      961.58151
         443022.97    3748972.03      973.94577
443047.97    3748972.03      987.49437
         443072.97    3748972.03     1000.93826
443097.97    3748972.03     1013.55075
         443122.97    3748972.03     1026.56674
443147.97    3748972.03     1040.47066
         443172.97    3748972.03     1054.75171
442947.97    3748997.03      915.64720
         442972.97    3748997.03      926.27046
442997.97    3748997.03      937.42396
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: AREA5 ***
INCLUDING SOURCE(S):
PAREA5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
443022.97	3748997.03	948.67429	443047.97	3748997.03	961.02653
443072.97	3748997.03	973.27430	443097.97	3748997.03	986.55264
443122.97	3748997.03	1000.91036	443147.97	3748997.03	1015.29165
442922.97	3749022.03	884.83441	442947.97	3749022.03	894.68098
442972.97	3749022.03	905.48656	442997.97	3749022.03	916.45231
443022.97	3749022.03	926.69779	443047.97	3749022.03	938.02963
443072.97	3749022.03	949.18162	443102.27	3749028.48	959.88117
443118.05	3749011.89	983.69586	442918.36	3749057.17	855.64749
442947.05	3749054.10	868.53334	442972.97	3749047.03	884.58499
442997.97	3749047.03	894.73965	443018.97	3749057.17	893.36736
443043.67	3749053.18	908.10611	443072.97	3749047.03	926.71925
442904.73	3749080.33	833.91167	442925.74	3749077.56	843.86520
442947.97	3749072.03	855.57825	442972.66	3749064.96	870.14793
443457.06	3748487.91	2951.92317	443482.06	3748487.91	3074.63391

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         443507.06    3748487.91     3205.67909
443532.06    3748487.91     3344.54010
         443557.06    3748487.91     3504.43445
443457.06    3748512.91     2797.66536
         443482.06    3748512.91     2907.24654
443507.06    3748512.91     3022.76901
         443532.06    3748512.91     3153.06938
443557.06    3748512.91     3348.23666
         443457.06    3748537.91     2656.91485
443482.06    3748537.91     2756.57911
         443507.06    3748537.91     2871.76620
443536.36    3748544.37     3000.47157
         443552.14    3748527.77     3194.15872
443453.06    3748573.06     2455.21276
         443477.76    3748569.06     2565.80617
443507.06    3748562.91     2731.37994
         443366.59    3748666.11     1874.47079
443391.66    3748647.31     1987.07764
         443416.73    3748620.15     2144.24037
443349.87    3748862.52     1340.77639
         443366.59    3748829.09     1420.30561
443391.66    3748814.46     1477.12227
         443408.37    3748793.57     1548.18182
443429.27    3748820.73     1498.25313
         443441.80    3748770.58     1645.83711
443475.23    3748791.48     1617.61611
         443489.86    3748745.51     1779.15902
443525.38    3748758.05     1774.33223
         443535.83    3748722.53     1920.53945
443590.15    3748732.98     1947.18303
         443611.04    3748693.28     2177.05634
443650.74    3748724.62     2062.55463
         443696.71    3748714.17     2174.20776
443725.96    3748712.08     2228.99388
         443665.37    3748670.29     2404.80386
443719.69    3748664.03     2547.08666
         443765.66    3748689.10     2447.28091
443774.02    3748638.95     2883.17439
         443819.98    3748645.22     2959.88393
443625.67    3748641.04     2541.99254
         443604.78    3748611.79     2717.02896
443567.17    3748590.90     2772.01104
         443562.99    3748553.29     3040.74370
443615.22    3748572.09     3082.90935
         443650.74    3748597.17     2970.22692
443663.28    3748620.15     2796.17332
         443583.88    3748442.55     4209.72339
443615.22    3748465.53     4190.63337
         443625.67    3748407.03     5192.12038
443663.28    3748423.75     5272.97110
         443667.46    3748373.60     6451.01105
443713.42    3748386.14     6960.61005
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: AREA5 ***
INCLUDING SOURCE(S):
PAREA5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
443719.69	3748331.81	9039.51097	443753.12	3748340.17	9660.50458
443829.20	3748575.04	3898.26000	443866.07	3748577.50	4030.52510
443878.36	3748520.96	5305.88423	443907.86	3748457.05	7922.24413
443915.24	3748501.30	6188.71114	443954.57	3748432.47	10209.89271
443969.31	3748390.68	14794.43974	443988.98	3748351.35	23699.46984
443775.12	3748319.40	11623.41996	443802.16	3748280.93	16007.40936
443839.76	3748246.23	24284.77358	443868.68	3748237.55	30629.03799
443871.57	3748202.85	43179.25382	443926.52	3747829.80	43981.53907
443958.33	3747864.50	73776.73190	443935.19	3747771.96	23646.70683
443972.79	3747777.74	25055.72982	443943.87	3747699.66	13591.92515
444001.71	3747705.44	14859.19962	443938.08	3747653.39	9875.86337
443990.14	3747653.39	9974.72457	444050.87	3747650.50	10001.63323
443952.54	3747595.55	7604.05573	443984.35	3747592.66	7507.87347
444065.33	3747578.20	7431.50667	443958.33	3747523.25	5840.45045

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         444007.49    3747523.25     5901.11770
443961.22    3747450.96     4428.22887
         444013.27    3747456.74     4754.16800
443958.33    3747378.66     3575.43177
         444001.71    3747381.55     3730.81734
443940.98    3747306.36     2979.61378
         443984.35    3747312.15     3157.69411
443940.98    3747231.17     2534.90312
         444047.98    3747514.58     5973.37532

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

PAGE 243
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                INCLUDING SOURCE(S):
L0000693    , L0000694    , L0000695    , L0000696    , L0000697    ,
               L0000698    , L0000699    , L0000700    ,
L0000701    , L0000702    , L0000703    , L0000704    , L0000705    ,
               L0000706    , L0000707    , L0000708    ,
L0000709    , L0000710    , L0000711    , L0000712    , L0000713    ,
               L0000714    , L0000715    , L0000716    ,
L0000717    , L0000718    , L0000719    , L0000720    ,  . . .      ,

                                    *** NETWORK ID: UCART1   ;  NETWORK
TYPE: GRIDCART ***

                                         ** CONC OF DPM      IN
MICROGRAMS/M**3                           **

    Y-COORD  |                                                  X-COORD
(METERS)
    (METERS) |     443543.62    443581.38    443619.14    443656.90
443694.66    443732.42
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  3748168.50 |   23583.84718  22895.68943  22899.85968  24162.45357
26676.19649  30321.11626
  3748138.04 |   21852.78125  21796.09323  22347.46045  24100.61404
27622.23840  32674.99770
  3748107.58 |   20500.59192  21102.21488  22171.95474  24405.72831
28845.31101  35087.84240
  3748077.12 |   19360.11437  20323.77703  22099.44842  24855.55577
30021.24288  37415.18667
  3748046.66 |   18336.14624  19568.42437  21602.52220  25001.88664
30828.52358  39251.57564
```

```
  3748016.20 |   17510.36140  18891.41187  21124.35499  24666.43512
30612.50309  39493.34226

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

PAGE 244
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):
L0000693    , L0000694    , L0000695    , L0000696    , L0000697    ,
                L0000698    , L0000699    , L0000700    ,
L0000701    , L0000702    , L0000703    , L0000704    , L0000705    ,
                L0000706    , L0000707    , L0000708    ,
L0000709    , L0000710    , L0000711    , L0000712    , L0000713    ,
                L0000714    , L0000715    , L0000716    ,
L0000717    , L0000718    , L0000719    , L0000720    ,  . . .      ,

                                    *** NETWORK ID: UCART2   ;  NETWORK
TYPE: GRIDCART ***

                                         ** CONC OF DPM      IN
MICROGRAMS/M**3                           **

    Y-COORD  |                                                  X-COORD
(METERS)
    (METERS) |     444172.99    444272.99    444372.99    444472.99
444572.99    444672.99    444772.99    444872.99    444972.99
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  3748485.77 |   14400.49269  13672.39754  13182.90827  12112.83170
10749.19480   9372.76114   8132.85381   7099.52938   6205.80851
  3748385.77 |   27908.09131  25608.96455  21655.42611  17472.45775
13959.14878  11336.38003   9365.54009   7849.79230   6658.24952
  3748285.77 |  112759.13913  58496.62845  34514.89534  22932.83004
16575.38860  12630.42786  10052.13757   8209.11606   6870.73966
  3748185.77 |  271548.87406  76423.81949  38645.27262  24250.89801
16988.19251  12706.89424   9957.71101   8150.07855   6793.95255
  3748085.77 |  125768.98959  55182.54367  32065.24098  21397.40030
15403.71583  11739.86622   9353.09957   7689.98221   6458.06653
  3747985.77 |   69403.82804  38053.94808  23680.83489  16721.60878
12747.00863  10154.19974   8317.96737   6978.99668   5951.46619
  3747885.77 |   33240.35714  23680.36605  17233.90705  12777.53996
9943.31526   8286.97061   7091.50268   6124.42679   5348.80846
  3747785.77 |   18545.09824  14858.79189  12082.38913   9448.79196
7787.19990   6670.85524   5888.82753   5240.75266   4705.57944
```

```
  3747685.77 |   12025.16884  10222.10771   8667.65473   7229.24408
6132.10369   5419.82867   4884.40788   4456.71777   4088.03697
  3747585.77 |    8668.04070   7689.83201   6825.64717   5896.55409
5046.78520   4498.38942   4111.76913   3799.52652   3540.28633
  3747485.77 |    6751.88390   6260.39069   5725.23433   5045.75025
4398.16910   3884.02717   3531.10417   3265.86145   3075.50931
  3747385.77 |    5482.13827   5267.63202   4922.91471   4434.56313
4011.82223   3514.66908   3175.83657   2910.18226   2719.42575
  3747285.77 |    4603.69144   4491.71797   4298.69328   3947.59833
3563.64109   3222.02708   2930.85734   2690.87158   2487.06110
  3747185.77 |    3947.82641   3914.15416   3814.82586   3567.65323
3262.34799   2986.45373   2735.14757   2524.07732   2342.18014
  3747085.77 |    3436.68429   3436.70930   3370.69545   3237.20275
3013.07567   2792.01025   2580.10814   2391.12966   2221.47792

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

PAGE 245
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):
L0000693    , L0000694    , L0000695    , L0000696    , L0000697    ,
               L0000698    , L0000699    , L0000700    ,
L0000701    , L0000702    , L0000703    , L0000704    , L0000705    ,
               L0000706    , L0000707    , L0000708    ,
L0000709    , L0000710    , L0000711    , L0000712    , L0000713    ,
               L0000714    , L0000715    , L0000716    ,
L0000717    , L0000718    , L0000719    , L0000720    ,  . . .      ,

                                   *** NETWORK ID: UCART2   ;  NETWORK
TYPE: GRIDCART ***

                                        ** CONC OF DPM      IN
MICROGRAMS/M**3                          **

    Y-COORD  |                                                 X-COORD
(METERS)
    (METERS) |     445072.99    445172.99    445272.99    445372.99
445472.99    445572.99
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  3748485.77 |    5450.87903   4855.10078   4345.76645   3933.80301
3572.91766   3266.61036
  3748385.77 |    5770.25122   5049.34430   4489.26306   4028.50869
3653.05907   3325.61348
```

```
  3748285.77 |    5881.72230   5112.06430   4517.18239   4036.27120
3651.81594   3324.89589
  3748185.77 |    5798.06735   5040.23097   4451.47297   3979.48487
3594.32380   3275.12927
  3748085.77 |    5542.84251   4844.42202   4296.64697   3858.99258
3494.15464   3190.59760
  3747985.77 |    5174.47772   4556.39554   4079.93744   3680.15989
3344.04999   3067.84598
  3747885.77 |    4719.62850   4231.37836   3819.37154   3470.95082
3169.82490   2922.41566
  3747785.77 |    4253.44324   3881.94303   3544.14912   3244.50546
2992.35261   2774.21330
  3747685.77 |    3783.48349   3512.27552   3261.10502   3030.33675
2821.21405   2634.48170
  3747585.77 |    3327.87964   3128.92441   2959.05284   2799.89518
2642.19566   2500.23463
  3747485.77 |    2914.04918   2776.67203   2656.00873   2545.48826
2439.44115   2333.13204
  3747385.77 |    2575.52398   2467.34890   2375.81425   2299.77968
2222.26646   2142.35288
  3747285.77 |    2337.95514   2226.64328   2140.58004   2070.25839
2010.49237   1952.96137
  3747185.77 |    2185.48966   2059.92864   1969.16418   1889.52127
1825.75246   1773.56451
  3747085.77 |    2078.00094   1954.51750   1855.17962   1768.27411
1692.85051   1635.68037

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

PAGE 246
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                INCLUDING SOURCE(S):
L0000693    , L0000694    , L0000695    , L0000696    , L0000697    ,
                L0000698    , L0000699    , L0000700    ,
L0000701    , L0000702    , L0000703    , L0000704    , L0000705    ,
                L0000706    , L0000707    , L0000708    ,
L0000709    , L0000710    , L0000711    , L0000712    , L0000713    ,
                L0000714    , L0000715    , L0000716    ,
L0000717    , L0000718    , L0000719    , L0000720    ,  . . .      ,

                                             *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                          ** CONC OF DPM      IN
MICROGRAMS/M**3                            **
```

```
       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)         CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443047.86    3748855.70    14172.34789
443030.11    3748868.74    11993.68115
         443016.91    3748884.58    10351.48508
442999.31    3748898.66     9035.45435
         442983.47    3748918.02     7843.15619
442962.35    3748934.74     6904.98475
         442947.39    3748948.82     6311.07743
442935.07    3748963.78     5818.62425
         442916.59    3748985.78     5196.14144
442898.98    3749001.62     4789.34460
         442881.38    3749017.46     4456.07986
442868.18    3749033.31     4185.07096
         442854.10    3749046.51     3972.81849
442832.98    3749062.35     3725.49887
         442816.26    3749081.71     3495.75731
442801.30    3749094.91     3343.13242
         442780.18    3749111.63     3158.41174
442764.34    3749127.47     3017.12883
         442750.26    3749130.11     2967.15924
442722.10    3749138.03     2857.32929
         442705.38    3749146.83     2772.64074
442678.10    3749144.19     2716.87875
         442659.62    3749147.71     2656.64140
442638.49    3749145.07     2615.93826
         442662.26    3749101.07     2861.48710
442694.82    3749095.79     2989.92520
         442709.78    3749094.03     3048.71931
442730.02    3749086.99     3157.56696
         442752.02    3749068.51     3353.92165
442796.90    3749035.94     3802.95623
         442817.14    3749007.78     4178.49500
442845.30    3748987.54     4598.25286
         442865.54    3748973.46     4948.82435
442840.90    3748956.74     4934.67687
         442888.42    3748944.42     5647.83814
442871.70    3748932.10     5638.45395
         442872.58    3748910.98     5996.38670
442880.50    3748896.90     6374.81764
         442906.02    3748895.14     6893.78047
442925.39    3748905.70     7043.12473
         442928.03    3748871.38     8014.29917
442942.99    3748881.94     8114.07111
         442959.71    3748871.38     8975.25068
442923.63    3748842.34     8709.32812
         442937.71    3748821.22     9915.76347
442971.15    3748822.98    11528.96098
         442986.11    3748841.46    11429.82598
442985.23    3748812.42    12979.01079
```

```
         443001.95    3748822.10    13634.66779
443063.55    3748836.18    17936.17431
         443064.43    3748815.06    21407.71270
443051.23    3748791.30    22618.65900
         443003.71    3748799.22    15372.65528
442974.67    3748795.70    13080.14564
         443038.91    3748779.86    21799.73001
443027.47    3748759.62    21676.33052
         443023.95    3748743.77    22131.65162
443008.99    3748724.41    20360.37024
         443008.99    3748702.41    20921.54163
443097.87    3748795.70    34179.05096
         443090.83    3748778.98    36529.55936
443071.47    3748764.02    31903.36406
         443064.43    3748742.01    32059.28959
443051.23    3748723.53    29057.71188
         443042.43    3748707.69    27479.74913
443042.43    3748691.85    27720.00036
         443141.87    3748742.01   114358.07400
443121.63    3748726.17    75145.09855
         443107.55    3748705.05    58051.46102
443088.19    3748676.01    43227.76768
         443145.39    3748708.57   116227.69762
443176.19    3748679.53   181596.85023
         443103.15    3748670.73    51265.48848
443230.76    3748790.42   179861.68393
         443242.20    3748767.54   291410.78429
443255.40    3748742.89   345249.30888
         443265.08    3748712.97   398096.07669
443278.28    3748687.45   390397.45663
         443297.64    3748659.29   374815.44112
443306.44    3748793.94    83038.92721

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

PAGE 247
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):
L0000693    , L0000694    , L0000695    , L0000696    , L0000697    ,
                L0000698    , L0000699    , L0000700    ,
L0000701    , L0000702    , L0000703    , L0000704    , L0000705    ,
                L0000706    , L0000707    , L0000708    ,
L0000709    , L0000710    , L0000711    , L0000712    , L0000713    ,
                L0000714    , L0000715    , L0000716    ,
L0000717    , L0000718    , L0000719    , L0000720    ,  . . .      ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
443339.88	3748786.02	73038.79262	443371.56	3748768.42	70295.62407
443392.68	3748756.98	66174.82578	443418.20	3748739.37	62227.99785
443444.60	3748724.41	57032.91386	443471.89	3748711.21	50235.15132
443496.53	3748694.49	46373.48571	443525.57	3748681.29	42115.30841
443548.45	3748668.09	38793.18852	443583.65	3748651.37	34858.40405
443383.00	3748960.26	10884.13494	443380.36	3748936.50	13168.65780
443370.68	3748910.10	16735.98937	443386.52	3748896.02	18942.22659
443423.48	3748874.90	21503.02324	443448.13	3748859.94	22835.63831
443465.73	3748849.38	23468.20715	443497.41	3748829.14	24054.04563
443513.25	3748820.34	23925.82379	443539.65	3748809.78	23241.34975
443559.89	3748803.62	22510.20243	443581.89	3748796.58	21702.54680
443602.13	3748793.06	20667.44809	443624.13	3748791.30	19496.40599
443642.61	3748786.90	18884.83349	443661.09	3748783.38	18203.36208
443683.97	3748786.02	16984.42120	443535.25	3748597.69	47732.74542
443511.49	3748617.05	51728.23449	443491.25	3748637.29	54900.07815
443468.37	3748647.85	61792.76094	443441.08	3748674.25	66547.15740
443414.68	3748689.21	77216.72192	443389.16	3748705.93	89937.34665
443307.32	3748632.01	374757.87204	443322.28	3748600.33	339855.57061
443336.36	3748572.17	300745.90906	443355.72	3748617.05	201248.19946
443377.72	3748583.61	182351.61053	443387.40	3748555.45	181432.00237
443399.72	3748531.69	178882.31805	443409.40	3748510.56	179965.59258

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         443339.88    3748550.17   322836.64482
443358.36    3748517.61   262898.01484
         443360.12    3748489.44   301060.02135
443372.44    3748464.80   357437.55932
         443394.44    3748441.04   299325.18323
443497.41    3748439.28   123454.36203
         443522.05    3748422.56    99710.59207
443541.41    3748404.08    83451.24305
         443557.25    3748392.64    70559.53714
443580.13    3748376.80    57926.50670
         443602.13    3748365.36    48664.06321
443623.25    3748346.00    41210.00196
         443653.17    3748335.44    35562.89854
443671.65    3748321.36    32250.13069
         443508.85    3748368.88   104760.38244
443479.81    3748380.32   159233.89979
         443526.45    3748355.68    81714.28755
443548.45    3748339.84    62270.84309
         443571.33    3748324.00    49504.34565
443590.69    3748310.80    41632.53548
         443612.69    3748296.72    35227.55405
443636.45    3748282.64    31052.73051
         443654.93    3748265.92    28331.69973
443672.53    3748246.56    26692.71830
         443689.25    3748231.60    26176.75471
443706.85    3748215.75    26549.96210
         443691.02    3748297.60    29075.04249
443707.74    3748282.64    27488.16005
         443725.34    3748266.80    26719.94370
443741.18    3748257.12    26829.91548
         443759.66    3748243.04    28089.08286
443773.74    3748221.03    30389.13469
         443794.86    3748203.43    34907.74881
443813.34    3748185.83    42012.38054
         443824.78    3748163.83    53395.34760
443842.38    3748150.63    72653.86707
         443794.86    3748123.35    51984.11588
443808.06    3748106.63    66000.09725

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

PAGE 248
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                    INCLUDING SOURCE(S):
L0000693    , L0000694    , L0000695    , L0000696    , L0000697    ,
```

```
                L0000698    , L0000699    , L0000700    ,
L0000701    , L0000702    , L0000703    , L0000704    , L0000705    ,
                L0000706    , L0000707    , L0000708    ,
L0000709    , L0000710    , L0000711    , L0000712    , L0000713    ,
                L0000714    , L0000715    , L0000716    ,
L0000717    , L0000718    , L0000719    , L0000720    ,  . . .      ,

                                          *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                        ** CONC OF DPM      IN
MICROGRAMS/M**3                          **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443773.74    3748145.35    39740.08157
443762.30    3748169.11    34294.82986
         443749.10    3748183.19    31152.53202
443724.46    3748197.27    27978.27295
         443669.01    3748506.17    34652.29299
443691.02    3748531.69    30303.08218
         443709.50    3748544.89    27849.95776
443731.50    3748574.81    25067.15490
         443760.54    3748588.01    22722.77799
443782.54    3748564.25    22128.54105
         443807.18    3748539.61    21557.88023
443826.54    3748515.85    21267.66622
         443852.94    3748491.21    20765.28645
443863.50    3748470.08    20965.86801
         443881.98    3748439.28    21413.64598
443881.10    3748410.24    22647.74453
         443899.59    3748423.44    21748.25988
443891.66    3748384.72    23980.26942
         443911.07    3748370.97    25289.39518
443929.51    3748345.54    28984.10158
         443939.05    3748329.01    32616.98983
443954.95    3748309.93    39807.03975
         443975.29    3748291.49    54387.86534
443932.69    3748260.34    49185.11216
         443907.90    3748288.95    36074.20340
443892.00    3748306.75    31363.76541
         443878.65    3748325.19    28327.38724
443864.66    3748341.09    26472.18305
         443848.13    3748357.62    25294.33329
443829.69    3748376.69    24687.74285
         443795.99    3748384.96    25439.87706
443774.37    3748402.76    26248.93225
         443747.03    3748423.75    28105.78141
443723.50    3748442.19    29985.44259
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         443705.70    3748458.72    31306.15448
443678.36    3748482.88    34416.07955
         443730.50    3748499.41    27783.25848
443747.03    3748481.61    26893.03649
         443773.10    3748465.71    25522.65494
443753.39    3748477.79    26545.30538
         443778.19    3748500.05    24326.80334
443792.17    3748480.97    24037.25839
         443816.97    3748455.54    23276.43229
443801.08    3748442.82    24343.97284
         443815.70    3748424.38    24002.69803
443834.14    3748437.73    22954.52554
         443855.06    3748084.13   166464.13529
443836.57    3748062.13   124090.45770
         443812.81    3748041.00    89410.93578
443769.68    3747996.11    52012.32958
         443828.65    3748013.72   122709.86468
443816.33    3747989.95    95020.77106
         443813.69    3747954.75    82222.31807
443764.40    3747961.79    46064.88078
         443730.07    3747945.06    32735.56127
443706.31    3747923.06    26784.30763
         443688.70    3747902.81    22839.23928
443664.94    3747880.81    18666.75129
         443646.45    3747852.64    15773.66923
443619.17    3747824.48    13454.20157
         443604.20    3747805.99    12575.20739
443618.29    3747776.95    12052.96324
         443639.41    3747752.30    11651.78222
443670.22    3747725.02    11202.92001
         443702.78    3747688.05    10381.97710
443684.30    3747671.33     9558.39276
         443719.51    3747704.77    11386.23427
443730.07    3747724.14    12699.18659
         443752.96    3747739.98    14570.88191
443766.16    3747760.23    17114.96392
         443789.04    3747782.23    20995.64254
443802.25    3747798.07    24801.18139
         443819.85    3747817.44    32577.68807
443838.33    3747832.40    43416.97292
         443855.06    3747848.24    62022.30749
443868.26    3747867.61    97310.67066
         443885.86    3747890.49   150303.94615
443905.23    3747909.86   194376.39182
         443919.31    3747930.10   279908.11553
443942.20    3747945.94   378311.60498

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  *** THE ANNUAL AVERAGE CONCENTRATION   VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):
L0000693   , L0000694   , L0000695   , L0000696   , L0000697   ,
                L0000698   , L0000699   , L0000700   ,
L0000701   , L0000702   , L0000703   , L0000704   , L0000705   ,
                L0000706   , L0000707   , L0000708   ,
L0000709   , L0000710   , L0000711   , L0000712   , L0000713   ,
                L0000714   , L0000715   , L0000716   ,
L0000717   , L0000718   , L0000719   , L0000720   , . . .   ,

                                                *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                               ** CONC OF DPM   IN
MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-
COORD (M)   Y-COORD (M)   CONC
 -
- -
         443955.40   3747961.79   406087.43746
443984.44   3747930.10   159830.44790
         443991.49   3747911.62   112687.20919
443994.13   3747889.61   83653.56079
         444004.69   3747868.49   57484.03563
444006.45   3747849.12   46129.83911
         444014.37   3747831.52   37672.93215
444017.01   3747807.75   31049.38327
         444024.93   3747790.15   26940.12758
444036.38   3747768.15   22900.27098
         444047.82   3747747.90   19974.04430
444058.38   3747728.54   17607.78905
         444071.58   3747710.05   15660.26388
444086.55   3747695.97   14258.43931
         444102.39   3747681.89   13038.71484
444114.71   3747666.92   12093.21853
         444132.32   3747655.48   11304.56783
444112.95   3747621.15   10240.01978
         443727.52   3747635.23   9212.88675
443741.61   3747647.56   9818.81247
         443754.81   3747668.68   10707.24805
443769.77   3747684.53   11552.23594
         443780.34   3747695.09   12724.12926
443797.06   3747714.46   14789.16694
         443809.38   3747727.66   16592.16523
443823.47   3747745.26   19465.21771

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         443846.35    3747775.19    25220.56732
443860.44    3747786.63    28466.26326
         443868.36    3747769.91    25117.84785
443879.80    3747749.67    21827.32764
         443887.72    3747723.26    18226.93344
443892.12    3747702.13    15814.70587
         443895.64    3747682.77    13708.91319
443893.00    3747660.76    12179.60789
         443893.88    3747640.52    11189.62408
443897.41    3747621.15    10402.11270
         443900.05    3747604.43     9800.49528
443899.17    3747585.94     9181.81084
         443901.81    3747563.94     8588.35429
443901.81    3747546.33     8168.50059
         443904.45    3747526.97     7788.55514
443903.57    3747507.60     7391.00160
         443901.81    3747487.36     6983.31172
443905.33    3747466.23     6627.05765
         443904.45    3747445.99     6120.77129
443903.57    3747429.26     5811.10107
         443904.45    3747407.26     5515.54166
443903.57    3747388.77     5279.52330
         443900.93    3747365.01     5003.91469
443894.76    3747341.24     4749.61804
         443891.24    3747320.99     4553.67527
443886.84    3747302.51     4389.08327
         443883.32    3747278.74     4201.86181
443882.44    3747257.62     4054.80272
         443875.40    3747240.89     3950.50960
443862.20    3747223.29     3841.52399
         443848.99    3747203.92     3726.06976
443875.40    3747192.48     3691.50480
         443893.88    3747174.00     3618.51135
443900.93    3747150.23     3522.39360
         443879.80    3747124.70     3395.97522
443859.56    3747118.54     3345.42816
         443821.71    3747120.30     3325.14376
444137.71    3747581.54     8864.04032
         444132.43    3747563.06     8411.45010
444122.74    3747541.93     8053.88690
         444115.70    3747514.64     7620.99916
444104.26    3747490.88     7310.78940
         444093.70    3747447.75     6632.94053
444089.29    3747432.78     6407.28466
         444084.01    3747410.78     6054.47724
444079.61    3747394.05     5772.48925
         444066.41    3747371.17     5404.11802
444065.53    3747356.20     5221.46325
         444057.61    3747328.92     4955.75553
444048.80    3747309.55     4794.61365
         444041.76    3747289.31     4630.49431
444039.12    3747269.94     4478.56684
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S):
L0000693 , L0000694 , L0000695 , L0000696 , L0000697 , L0000698 , L0000699 , L0000700 ,
L0000701 , L0000702 , L0000703 , L0000704 , L0000705 , L0000706 , L0000707 , L0000708 ,
L0000709 , L0000710 , L0000711 , L0000712 , L0000713 , L0000714 , L0000715 , L0000716 ,
L0000717 , L0000718 , L0000719 , L0000720 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
444024.16	3747211.85	4012.62722	444012.71	3747194.24	3867.71936
444009.19	3747178.40	3756.15380	444000.39	3747159.03	3633.50754
443990.71	3747139.67	3535.47209	443987.19	3747122.06	3451.44490
443544.98	3747753.94	9744.32810	443566.91	3747739.32	9833.28918
443582.75	3747705.21	9392.75075	443608.33	3747662.57	8614.67979
443585.18	3747683.28	8917.65933	443664.38	3747610.18	7935.44158
444061.69	3748396.73	25038.89532	443702.16	3748778.14	16719.40375
443720.87	3748761.68	16797.96167	443735.08	3748748.96	16797.95541
443761.27	3748751.20	15582.47762	443781.48	3748750.46	14886.96143
443799.43	3748733.25	14935.27415	443816.64	3748742.23	14082.41572

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         443859.29    3748707.06    14005.08317
443854.80    3748660.67    15641.35582
         443872.01    3748652.43    15311.16879
443881.74    3748635.23    15480.62874
         443889.22    3748615.02    15791.13448
443912.42    3748586.59    15754.97182
         443949.73    3748543.05    15760.06047
443955.98    3748523.52    16232.64198
         443964.58    3748509.45    16505.35404
443975.51    3748496.56    16742.66908
         444002.47    3748489.92    16496.26118
443993.02    3748508.17    15905.88045
         443984.29    3748521.95    15571.19754
443976.48    3748538.50    15222.85157
         443964.53    3748550.90    15150.39900
443950.28    3748565.15    15132.42557
         443942.47    3748583.07    14895.67064
444015.08    3748474.62    17044.28913
         444023.81    3748461.29    17721.35902
444033.00    3748446.13    18730.30000
         444049.55    3748429.58    20223.17686
444052.31    3748411.20    22535.93025
         443186.88    3748634.70   171529.63661
443201.94    3748608.36   172339.76106
         443224.52    3748583.89   186672.62940
443237.69    3748551.90   184782.36953
         443250.87    3748525.56   187465.51095
443267.80    3748491.68   154691.80658
         443290.38    3748454.05   161069.23218
443299.79    3748416.41   136646.20509
         443299.79    3748384.42   117788.14871
443301.67    3748352.43   108908.64658
         443305.44    3748320.44    97115.83316
443117.28    3748611.37    51417.05538
         443090.70    3748626.39    40765.79625
443162.35    3748585.94    78871.01573
         443179.69    3748558.20    80645.91974
443190.09    3748530.47    72225.41179
         443205.11    3748494.64    68585.23065
443229.38    3748456.50    66194.46365
         443231.69    3748413.74    56884.75991
443252.50    3748389.47    64368.93570
         443186.62    3748471.53    52393.57451
443141.55    3748525.85    46343.13190
         443138.08    3748498.11    39428.91755
443150.79    3748472.68    39445.63422
         443169.29    3748447.26    40431.60179
443183.15    3748419.52    40218.73496
         443202.80    3748396.41    43068.92603
443224.76    3748373.29    47305.81637
         443238.63    3748345.56    47741.77139
443112.66    3748590.56    46358.21985
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         443080.30    3748597.50    35241.45073
443072.21    3748572.07    31411.08105
         443103.41    3748554.74    38589.47681
443093.01    3748532.78    33542.40497
         444066.11    3748315.51    77110.71574
444098.47    3748350.18    42498.33129
         444078.82    3748294.71   147889.90273
444089.22    3748273.90   258262.98635

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

PAGE 251
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                INCLUDING SOURCE(S):
L0000693    , L0000694    , L0000695    , L0000696    , L0000697    ,
                L0000698    , L0000699    , L0000700    ,
L0000701    , L0000702    , L0000703    , L0000704    , L0000705    ,
                L0000706    , L0000707    , L0000708    ,
L0000709    , L0000710    , L0000711    , L0000712    , L0000713    ,
                L0000714    , L0000715    , L0000716    ,
L0000717    , L0000718    , L0000719    , L0000720    ,  . . .      ,

                                             *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                        ** CONC OF DPM      IN
MICROGRAMS/M**3                          **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         444096.16    3748253.10   372377.19635
444111.18    3748321.29    72668.38163
         444131.98    3748302.79   101315.04940
444135.45    3748284.30   148819.47456
         443313.52    3748260.81    54707.93893
443230.72    3748275.87    30689.09275
         443260.83    3748238.23    29167.30004
443274.00    3748215.65    26933.49559
         443304.11    3748178.01    22921.49829
443198.73    3748330.44    32138.53903
         443155.44    3748373.72    28801.62761
443119.69    3748411.36    25996.74689
         443100.87    3748441.47    25929.13633
443093.34    3748477.23    28575.15804
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         443080.17    3748501.69    28166.00641
443718.12    3747857.82    22972.53551
         443737.76    3747882.38    28678.28745
443765.27    3747898.10    37384.50254
         443754.47    3747918.73    36662.53494
443696.50    3747826.38    18341.94171
         443672.93    3747804.77    15326.98745
443726.96    3747844.07    22751.99795
         443710.26    3747771.37    15093.59328
443737.76    3747790.04    17870.82011
         443746.61    3747808.70    20600.55638
443762.32    3747821.47    23978.22687
         443787.87    3747845.05    32817.15014
443800.64    3747866.66    44518.38374
         443806.53    3747929.54    68860.91643
443520.64    3747701.59     8502.97736
         443551.64    3747661.73     8210.35726
443591.49    3747635.16     7886.81371
         443836.47    3747717.70    17382.67924
443840.73    3747688.60    14953.76340
         443841.44    3747663.76    12868.98902
443804.53    3747670.15    13292.80862
         443787.49    3747657.37    11431.34674
443777.55    3747633.95     9949.17125
         443744.90    3747619.04     9028.12915
443761.94    3747606.26     8901.77040
         443844.28    3747623.30    10195.17505
443847.12    3747599.88     9321.80071
         443852.79    3747578.58     8691.33931
443849.96    3747558.00     8079.11624
         443849.96    3747537.41     7630.25635
443854.92    3747518.25     7245.20951
         443847.12    3747495.53     6712.07466
443853.50    3747478.50     6439.42704
         443850.67    3747457.20     6074.61970
443854.21    3747438.75     5798.98228
         443849.96    3747397.58     5245.61015
443854.21    3747418.16     5502.36105
         443853.50    3747378.41     5052.93950
443843.57    3747336.54     4623.53044
         443836.47    3747315.24     4434.41059
443829.37    3747296.08     4275.09599
         443827.95    3747274.07     4120.03647
443816.59    3747254.20     3987.35089
         443805.95    3747236.45     3876.86924
443803.11    3747219.42     3780.04298
         443838.60    3747186.06     3628.60277
443838.60    3747171.15     3558.99659
         443970.69    3747984.97   443245.87728
443980.63    3747995.62   435959.84092
         443994.83    3748014.08   456998.38381
444006.19    3748026.85   452078.99090
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         444016.83    3748040.34   463535.37316
444040.26    3748051.70   383145.21609
         444048.78    3748065.90   400641.38468
444060.13    3748085.77   436929.76392
         444079.30    3748100.68   410806.31837
444088.53    3748117.00   445313.19536
         444101.30    3748132.62   454485.04008
444114.79    3748147.53   464505.26276
         444129.70    3748161.72   461930.98651
444141.76    3748177.34   467653.91086
         444158.09    3748180.89   364880.13915
444169.45    3748204.31   333021.56886
         444190.03    3748217.09   209873.96827
444192.83    3748193.06   189810.47809

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

PAGE 252
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):
L0000693    , L0000694    , L0000695    , L0000696    , L0000697    ,
                L0000698    , L0000699    , L0000700    ,
L0000701    , L0000702    , L0000703    , L0000704    , L0000705    ,
                L0000706    , L0000707    , L0000708    ,
L0000709    , L0000710    , L0000711    , L0000712    , L0000713    ,
                L0000714    , L0000715    , L0000716    ,
L0000717    , L0000718    , L0000719    , L0000720    ,  . . .      ,

                                             *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                          ** CONC OF DPM      IN
MICROGRAMS/M**3                            **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         444195.33    3748122.70   122461.68605
444008.68    3747956.49   161955.49889
         444019.33    3747969.98   169952.98683
444042.75    3747981.34   149582.21886
         444051.27    3747995.53   164517.45629
444062.63    3748015.41   186534.08384
         444081.79    3748030.32   183145.98865
444091.02    3748046.64   197435.79448
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         444103.80    3748062.26   204901.76575
444117.29    3748077.17   204353.87499
         444132.19    3748091.36   197611.17636
444144.26    3748106.98   199464.77459
         444160.59    3748110.53   172356.74675
444171.94    3748133.95   179466.41564
         444192.53    3748146.73   145782.70033
444143.39    3748498.90    14067.93670
         444154.04    3748512.39    13273.38646
444177.46    3748523.75    12548.47728
         444185.98    3748537.95    11969.01603
444197.34    3748557.82    11200.50891
         444216.50    3748572.73    10583.98733
444225.73    3748589.06    10113.33661
         444238.51    3748604.67     9641.46654
444251.99    3748619.58     9217.18660
         444266.90    3748633.77     8824.98392
444278.97    3748649.39     8457.42271
         444295.29    3748652.94     8275.89637
444306.65    3748676.37     7831.55540
         444237.65    3748593.44     9901.33466
444061.66    3748440.72    19045.23031
         444085.08    3748452.08    17862.18484
444093.60    3748466.28    16705.22899
         444104.96    3748486.15    15305.99559
444124.12    3748501.06    14301.16543
         444133.35    3748517.39    13443.94162
444146.13    3748533.00    12639.04866
         444159.61    3748547.91    11947.36663
444174.52    3748562.11    11357.65097
         444186.59    3748577.72    10782.19808
444202.91    3748581.27    10522.97061
         444214.27    3748604.70     9876.46886
444234.86    3748617.47     9412.14761
         443957.64    3748095.60   447797.55121
443122.97    3748822.03    31824.63908
         443097.97    3748847.03    19847.11395
443122.97    3748847.03    22945.28840
         443072.97    3748872.03    13942.78944
443097.97    3748872.03    15450.72020
         443122.97    3748872.03    17114.72229
443047.97    3748897.03    10617.32411
         443072.97    3748897.03    11498.14324
443097.97    3748897.03    12408.90958
         443122.97    3748897.03    13330.66334
443028.81    3748928.79     8305.69842
         443047.97    3748922.03     9038.95213
443072.97    3748922.03     9623.10062
         443097.97    3748922.03    10183.47326
443122.97    3748922.03    10735.48657
         443147.97    3748922.03    11306.34399
443172.97    3748922.03    11907.07665
```

```
         443003.50    3748951.02     7000.07359
443022.97    3748947.03     7429.74115
         443047.97    3748947.03     7792.51358
443072.97    3748947.03     8180.67416
         443097.97    3748947.03     8540.33702
443122.97    3748947.03     8907.34724
         443147.97    3748947.03     9314.76776
443172.97    3748947.03     9767.94207
         442977.27    3748975.72     5966.05546
442997.97    3748972.03     6276.38548
         443022.97    3748972.03     6540.92663
443047.97    3748972.03     6807.10271
         443072.97    3748972.03     7063.98605
443097.97    3748972.03     7313.68292
         443122.97    3748972.03     7586.87407
443147.97    3748972.03     7902.93083
         443172.97    3748972.03     8254.30104
442947.97    3748997.03     5236.39804
         442972.97    3748997.03     5432.83436
442997.97    3748997.03     5627.72030

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                INCLUDING SOURCE(S):
L0000693    , L0000694    , L0000695    , L0000696    , L0000697    ,
               L0000698    , L0000699    , L0000700    ,
L0000701    , L0000702    , L0000703    , L0000704    , L0000705    ,
               L0000706    , L0000707    , L0000708    ,
L0000709    , L0000710    , L0000711    , L0000712    , L0000713    ,
               L0000714    , L0000715    , L0000716    ,
L0000717    , L0000718    , L0000719    , L0000720    ,  . . .      ,

                                            *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                         ** CONC OF DPM      IN
MICROGRAMS/M**3                           **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443022.97    3748997.03     5814.28785
443047.97    3748997.03     6001.23788
```

```
         443072.97    3748997.03     6182.67238
443097.97    3748997.03     6378.14488
         443122.97    3748997.03     6600.35478
443147.97    3748997.03     6850.52850
         442922.97    3749022.03     4643.80904
442947.97    3749022.03     4795.68514
         442972.97    3749022.03     4949.01284
442997.97    3749022.03     5095.64592
         443022.97    3749022.03     5228.88381
443047.97    3749022.03     5363.27712
         443072.97    3749022.03     5495.76050
443102.27    3749028.48     5518.27446
         443118.05    3749011.89     6079.92445
442918.36    3749057.17     4141.63866
         442947.05    3749054.10     4305.02971
442972.97    3749047.03     4524.60464
         442997.97    3749047.03     4632.55444
443018.97    3749057.17     4534.63885
         443043.67    3749053.18     4701.05294
443072.97    3749047.03     4939.60365
         442904.73    3749080.33     3823.12198
442925.74    3749077.56     3931.05248
         442947.97    3749072.03     4073.73160
442972.66    3749064.96     4255.72592
         443457.06    3748487.91   136876.33662
443482.06    3748487.91   112245.67014
         443507.06    3748487.91    93990.08238
443532.06    3748487.91    79869.54914
         443557.06    3748487.91    66995.41034
443457.06    3748512.91   119056.14998
         443482.06    3748512.91    98862.96384
443507.06    3748512.91    83920.25158
         443532.06    3748512.91    70865.84713
443557.06    3748512.91    55234.68640
         443457.06    3748537.91   106255.48584
443482.06    3748537.91    88065.41872
         443507.06    3748537.91    72928.17061
443536.36    3748544.37    54821.46689
         443552.14    3748527.77    54185.06039
443453.06    3748573.06    95822.63719
         443477.76    3748569.06    79866.09217
443507.06    3748562.91    63917.37116
         443366.59    3748666.11   138764.94113
443391.66    3748647.31   118529.69164
         443416.73    3748620.15   106723.11850
443349.87    3748862.52    28791.58646
         443366.59    3748829.09    40261.63944
443391.66    3748814.46    41928.46374
         443408.37    3748793.57    46062.70748
443429.27    3748820.73    33467.89492
         443441.80    3748770.58    45278.11252
443475.23    3748791.48    33691.47887
```

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         443489.86    3748745.51    40647.18652
443525.38    3748758.05    32427.00549
         443535.83    3748722.53    36337.68143
443590.15    3748732.98    27653.19564
         443611.04    3748693.28    28761.07015
443650.74    3748724.62    22918.44303
         443696.71    3748714.17    20747.74143
443725.96    3748712.08    19203.06114
         443665.37    3748670.29    25490.85413
443719.69    3748664.03    22145.83927
         443765.66    3748689.10    18389.91940
443774.02    3748638.95    20284.93117
         443819.98    3748645.22    17552.96183
443625.67    3748641.04    30639.27429
         443604.78    3748611.79    34731.81784
443567.17    3748590.90    41732.07677
         443562.99    3748553.29    47158.35325
443615.22    3748572.09    36197.06268
         443650.74    3748597.17    30441.41079
443663.28    3748620.15    28151.76812
         443583.88    3748442.55    61973.16657
443615.22    3748465.53    48672.40671
         443625.67    3748407.03    46896.26009
443663.28    3748423.75    40139.77188
         443667.46    3748373.60    37152.12969
443713.42    3748386.14    31165.44896

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
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PAGE 254
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):
L0000693    , L0000694    , L0000695    , L0000696    , L0000697    ,
                L0000698    , L0000699    , L0000700    ,
L0000701    , L0000702    , L0000703    , L0000704    , L0000705    ,
                L0000706    , L0000707    , L0000708    ,
L0000709    , L0000710    , L0000711    , L0000712    , L0000713    ,
                L0000714    , L0000715    , L0000716    ,
L0000717    , L0000718    , L0000719    , L0000720    ,  . . .      ,

                                              *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                           ** CONC OF DPM      IN
MICROGRAMS/M**3                             **
```

```
       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443719.69    3748331.81    28894.30433
443753.12    3748340.17    27430.43327
         443829.20    3748575.04    19467.67403
443866.07    3748577.50    17765.48656
         443878.36    3748520.96    18931.23142
443907.86    3748457.05    20101.87627
         443915.24    3748501.30    18303.39189
443954.57    3748432.47    20536.35802
         443969.31    3748390.68    24223.10401
443988.98    3748351.35    32059.89632
         443775.12    3748319.40    26780.33638
443802.16    3748280.93    28246.44734
         443839.76    3748246.23    33871.83721
443868.68    3748237.55    39240.49222
         443871.57    3748202.85    50602.60548
443926.52    3747829.80    46695.20558
         443958.33    3747864.50    76557.55788
443935.19    3747771.96    26180.19073
         443972.79    3747777.74    27481.81298
443943.87    3747699.66    15927.28221
         444001.71    3747705.44    17057.47330
443938.08    3747653.39    12104.16714
         443990.14    3747653.39    12054.67775
444050.87    3747650.50    11932.19352
         443952.54    3747595.55     9689.11031
443984.35    3747592.66     9509.07038
         444065.33    3747578.20     9251.34375
443958.33    3747523.25     7787.27754
         444007.49    3747523.25     7759.83241
443961.22    3747450.96     6214.77951
         444013.27    3747456.74     6504.52335
443958.33    3747378.66     5227.26837
         444001.71    3747381.55     5366.09816
443940.98    3747306.36     4514.49064
         443984.35    3747312.15     4696.65993
443940.98    3747231.17     3958.18606
         444047.98    3747514.58     7761.95111

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

PAGE 255
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                   *** THE SUMMARY OF MAXIMUM ANNUAL
RESULTS AVERAGED OVER   5 YEARS ***
```

```
                                    ** CONC OF DPM      IN
MICROGRAMS/M**3                          **

NETWORK
GROUP ID                          AVERAGE CONC                RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

LINE1     1ST HIGHEST VALUE IS      18.60532 AT (  443230.76,
3748790.42,   193.09,  1224.00,    0.00)  DC
          2ND HIGHEST VALUE IS       6.63910 AT (  443349.87,
3748862.52,   194.12,  1224.00,    0.00)  DC
          3RD HIGHEST VALUE IS       6.59912 AT (  443242.20,
3748767.54,   194.07,  1224.00,    0.00)  DC
          4TH HIGHEST VALUE IS       6.18113 AT (  443370.68,
3748910.10,   196.00,  1224.00,    0.00)  DC
          5TH HIGHEST VALUE IS       5.96445 AT (  443383.00,
3748960.26,   196.02,  1224.00,    0.00)  DC
          6TH HIGHEST VALUE IS       5.89623 AT (  443306.44,
3748793.94,   189.00,  1224.00,    0.00)  DC
          7TH HIGHEST VALUE IS       5.89136 AT (  443380.36,
3748936.50,   196.03,  1224.00,    0.00)  DC
          8TH HIGHEST VALUE IS       4.83508 AT (  443386.52,
3748896.02,   196.24,  1224.00,    0.00)  DC
          9TH HIGHEST VALUE IS       4.20584 AT (  443366.59,
3748829.09,   192.20,  1224.00,    0.00)  DC
         10TH HIGHEST VALUE IS       4.15631 AT (  443172.97,
3748922.03,   185.60,  1224.00,    0.00)  DC

AREA4     1ST HIGHEST VALUE IS  396507.01571 AT (  443265.08,
3748712.97,   194.39,  1224.00,    0.00)  DC
          2ND HIGHEST VALUE IS  388732.69869 AT (  443278.28,
3748687.45,   193.84,  1224.00,    0.00)  DC
          3RD HIGHEST VALUE IS  373044.75564 AT (  443297.64,
3748659.29,   194.80,  1224.00,    0.00)  DC
          4TH HIGHEST VALUE IS  372889.78953 AT (  443307.32,
3748632.01,   196.11,  1224.00,    0.00)  DC
          5TH HIGHEST VALUE IS  354727.47706 AT (  443372.44,
3748464.80,   201.07,  1224.00,    0.00)  DC
          6TH HIGHEST VALUE IS  343736.48573 AT (  443255.40,
3748742.89,   194.15,  1224.00,    0.00)  DC
          7TH HIGHEST VALUE IS  337851.60039 AT (  443322.28,
3748600.33,   198.33,  1224.00,    0.00)  DC
          8TH HIGHEST VALUE IS  320603.70410 AT (  443339.88,
3748550.17,   201.23,  1224.00,    0.00)  DC
          9TH HIGHEST VALUE IS  298603.21417 AT (  443336.36,
3748572.17,   200.68,  1224.00,    0.00)  DC
```

```
         10TH HIGHEST VALUE IS  298504.36530 AT (  443360.12,
3748489.44,   203.11,  1224.00,    0.00)  DC

LINE3     1ST HIGHEST VALUE IS      13.31721 AT (  444066.11,
3748315.51,   216.83,  1224.00,    0.00)  DC
          2ND HIGHEST VALUE IS      13.17249 AT (  444098.47,
3748350.18,   220.42,  1224.00,    0.00)  DC
          3RD HIGHEST VALUE IS      10.99067 AT (  444172.99,
3748485.77,   221.50,  1224.00,    0.00)  GC  UCART2
          4TH HIGHEST VALUE IS       7.06207 AT (  444306.65,
3748676.37,   216.66,  1224.00,    0.00)  DC
          5TH HIGHEST VALUE IS       6.70602 AT (  444295.29,
3748652.94,   217.44,  1224.00,    0.00)  DC
          6TH HIGHEST VALUE IS       5.97331 AT (  444078.82,
3748294.71,   217.55,  1224.00,    0.00)  DC
          7TH HIGHEST VALUE IS       5.19188 AT (  444111.18,
3748321.29,   220.59,  1224.00,    0.00)  DC
          8TH HIGHEST VALUE IS       5.01883 AT (  444172.99,
3748385.77,   221.80,  1224.00,    0.00)  GC  UCART2
          9TH HIGHEST VALUE IS       4.67629 AT (  444237.65,
3748593.44,   219.43,  1224.00,    0.00)  DC
         10TH HIGHEST VALUE IS       4.67236 AT (  444177.46,
3748523.75,   220.75,  1224.00,    0.00)  DC

AREA5     1ST HIGHEST VALUE IS  463505.51968 AT (  444141.76,
3748177.34,   219.70,  1224.00,    0.00)  DC
          2ND HIGHEST VALUE IS  460417.08993 AT (  444114.79,
3748147.53,   219.00,  1224.00,    0.00)  DC
          3RD HIGHEST VALUE IS  460005.44934 AT (  444016.83,
3748040.34,   223.65,  1224.00,    0.00)  DC
          4TH HIGHEST VALUE IS  457816.30918 AT (  444129.70,
3748161.72,   219.01,  1224.00,    0.00)  DC
          5TH HIGHEST VALUE IS  453594.08287 AT (  443994.83,
3748014.08,   223.38,  1224.00,    0.00)  DC
          6TH HIGHEST VALUE IS  450443.73881 AT (  444101.30,
3748132.62,   219.00,  1224.00,    0.00)  DC
          7TH HIGHEST VALUE IS  448624.53998 AT (  444006.19,
3748026.85,   223.82,  1224.00,    0.00)  DC
          8TH HIGHEST VALUE IS  443359.40673 AT (  443957.64,
3748095.60,   221.27,  1224.00,    0.00)  DC
          9TH HIGHEST VALUE IS  441358.52823 AT (  444088.53,
3748117.00,   220.03,  1224.00,    0.00)  DC
         10TH HIGHEST VALUE IS  439934.36798 AT (  443970.69,
3747984.97,   222.12,  1224.00,    0.00)  DC

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\5082.0001
Trails of Corona\HRA\Construction HRA ***        12/21/18
 *** AERMET - VERSION  16216 ***   ***
***        11:21:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER 5 YEARS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

NETWORK GROUP ID	AVERAGE CONC						RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
ALL	1ST HIGHEST VALUE IS	467653.91086	AT	(	444141.76,	3748177.34,	219.70, 1224.00, 0.00)	DC	
	2ND HIGHEST VALUE IS	464505.26276	AT	(	444114.79,	3748147.53,	219.00, 1224.00, 0.00)	DC	
	3RD HIGHEST VALUE IS	463535.37316	AT	(	444016.83,	3748040.34,	223.65, 1224.00, 0.00)	DC	
	4TH HIGHEST VALUE IS	461930.98651	AT	(	444129.70,	3748161.72,	219.01, 1224.00, 0.00)	DC	
	5TH HIGHEST VALUE IS	456998.38381	AT	(	443994.83,	3748014.08,	223.38, 1224.00, 0.00)	DC	
	6TH HIGHEST VALUE IS	454485.04008	AT	(	444101.30,	3748132.62,	219.00, 1224.00, 0.00)	DC	
	7TH HIGHEST VALUE IS	452078.99090	AT	(	444006.19,	3748026.85,	223.82, 1224.00, 0.00)	DC	
	8TH HIGHEST VALUE IS	447797.55121	AT	(	443957.64,	3748095.60,	221.27, 1224.00, 0.00)	DC	
	9TH HIGHEST VALUE IS	445313.19536	AT	(	444088.53,	3748117.00,	220.03, 1224.00, 0.00)	DC	
	10TH HIGHEST VALUE IS	443245.87728	AT	(	443970.69,	3747984.97,	222.12, 1224.00, 0.00)	DC	

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

*** AERMOD - VERSION 18081 *** *** C:\Users\xli\Desktop\5082.0001 Trails of Corona\HRA\Construction HRA *** 12/21/18
*** AERMET - VERSION 16216 *** ***
*** 11:21:37

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** Message Summary : AERMOD Model Execution ***

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

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of         1279 Informational Message(s)

 A Total of        43848 Hours Were Processed

 A Total of          917 Calm Hours Identified

 A Total of          362 Missing Hours Identified (  0.83 Percent)


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


    ********   WARNING MESSAGES   ********
 ME W186    2630       MEOPEN: THRESH_1MIN 1-min ASOS wind speed
threshold used           0.50
 ME W187    2630       MEOPEN: ADJ_U* Option for Stable Low Winds used
in AERMET

    ***********************************
    *** AERMOD Finishes Successfully ***
    ***********************************
```

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.6.1
** Lakes Environmental Software Inc.
** Date: 8/6/2018
** File: C:\MBA\trails of corona\AERMOD\SR91_Unit\SR91_Unit.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE Trails of Corona SR91 Freeway
   TITLETWO Annual Average Unit Emissions
   MODELOPT DFAULT CONC
   AVERTIME ANNUAL
   URBANOPT 2189264
   POLLUTID UNITEMIS
   RUNORNOT RUN
   ERRORFIL SR91_Unit.err
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** ------------------------------------------------------------------
--
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SR91E56
** DESCRSRC SR91 East Lanes 5 and 6
** PREFIX
** Length of Side = 12.80
** Configuration = Adjacent
** Emission Rate = 1.0
** Elevated
** Vertical Dimension = 3.66
** SZINIT = 0.85
** Nodes = 31
** 444454.013, 3749115.115, 207.05, 3.66, 5.95
** 444353.936, 3749097.486, 206.32, 3.66, 5.95
```

```
** 444283.192, 3749088.211, 205.01, 3.66, 5.95
** 444235.525, 3749078.658, 205.23, 3.66, 5.95
** 444213.112, 3749075.818, 205.41, 3.66, 5.95
** 444191.621, 3749070.733, 206.52, 3.66, 5.95
** 444126.880, 3749060.731, 206.96, 3.66, 5.95
** 444082.643, 3749055.215, 205.40, 3.66, 5.95
** 444055.826, 3749051.560, 204.95, 3.66, 5.95
** 444000.327, 3749047.408, 204.28, 3.66, 5.95
** 443987.503, 3749047.778, 204.00, 3.66, 5.95
** 443853.558, 3749049.407, 202.20, 3.66, 5.95
** 443781.093, 3749056.768, 201.08, 3.66, 5.95
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SR91E14
** DESCRSRC SR91 East Lanes 1 to 4
** PREFIX
** Length of Side = 20.12
** Configuration = Adjacent
** Emission Rate = 1.0
** Elevated
** Vertical Dimension = 0.91
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LOCATION L0053014     VOLUME   442813.898 3749199.748 179.06
LOCATION L0053015     VOLUME   442793.993 3749202.656 179.12
LOCATION L0053016     VOLUME   442774.081 3749205.520 179.20
LOCATION L0053017     VOLUME   442754.169 3749208.383 179.70
LOCATION L0053018     VOLUME   442734.257 3749211.247 179.75
LOCATION L0053019     VOLUME   442714.346 3749214.110 180.19
LOCATION L0053020     VOLUME   442694.434 3749216.974 181.83
LOCATION L0053021     VOLUME   442674.522 3749219.837 182.54
LOCATION L0053022     VOLUME   442654.610 3749222.701 183.00
LOCATION L0053023     VOLUME   442634.698 3749225.564 183.00
LOCATION L0053024     VOLUME   442614.786 3749228.428 183.00
LOCATION L0053025     VOLUME   442594.976 3749231.865 182.86
LOCATION L0053026     VOLUME   442575.297 3749236.039 182.20
LOCATION L0053027     VOLUME   442555.618 3749240.212 180.54
LOCATION L0053028     VOLUME   442535.938 3749244.385 179.16
LOCATION L0053029     VOLUME   442516.259 3749248.559 178.94
LOCATION L0053030     VOLUME   442497.143 3749254.745 179.15
LOCATION L0053031     VOLUME   442478.154 3749261.387 179.12
LOCATION L0053032     VOLUME   442459.166 3749268.029 178.33
LOCATION L0053033     VOLUME   442440.177 3749274.671 177.70
LOCATION L0053034     VOLUME   442421.189 3749281.314 177.06
LOCATION L0053035     VOLUME   442402.200 3749287.956 176.17
LOCATION L0053036     VOLUME   442383.211 3749294.598 175.09
LOCATION L0053037     VOLUME   442364.264 3749301.348 174.83
LOCATION L0053038     VOLUME   442345.632 3749308.934 175.03
LOCATION L0053039     VOLUME   442327.001 3749316.521 175.48
LOCATION L0053040     VOLUME   442308.369 3749324.107 176.47
LOCATION L0053041     VOLUME   442289.738 3749331.693 177.32
LOCATION L0053042     VOLUME   442271.106 3749339.280 177.94
LOCATION L0053043     VOLUME   442252.474 3749346.866 177.05
LOCATION L0053044     VOLUME   442233.843 3749354.452 176.24
LOCATION L0053045     VOLUME   442215.211 3749362.038 176.29
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   LOCATION L0053047     VOLUME   442177.948 3749377.211 175.36
   LOCATION L0053048     VOLUME   442159.317 3749384.797 175.74
   LOCATION L0053049     VOLUME   442140.685 3749392.384 175.79
   LOCATION L0053050     VOLUME   442122.054 3749399.970 175.54
   LOCATION L0053051     VOLUME   442103.422 3749407.556 175.76
   LOCATION L0053052     VOLUME   442084.791 3749415.143 175.04
** End of LINE VOLUME Source ID = SR91E14
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SR91EHOV
** DESCRSRC SR91-East HOV
** PREFIX
** Length of Side = 12.80
** Configuration = Adjacent
** Emission Rate = 1.0
** Elevated
** Vertical Dimension = 0.91
** SZINIT = 0.21
** Nodes = 21
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** 443796.830, 3749030.259, 202.00, 0.91, 5.95
** 443752.736, 3749036.904, 201.27, 0.91, 5.95
** 443673.015, 3749049.426, 198.20, 0.91, 5.95
** 443591.451, 3749061.188, 198.00, 0.91, 5.95
** 443443.152, 3749085.240, 195.01, 0.91, 5.95
** 443329.294, 3749103.236, 192.47, 0.91, 5.95
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** 442724.586, 3749200.549, 180.35, 0.91, 5.95
** 442672.386, 3749207.070, 183.00, 0.91, 5.95
** 442576.076, 3749223.612, 182.00, 0.91, 5.95
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   LOCATION L0053054     VOLUME   444435.618 3749089.251 207.90
   LOCATION L0053055     VOLUME   444423.044 3749086.849 207.98
   LOCATION L0053056     VOLUME   444410.470 3749084.446 208.00
   LOCATION L0053057     VOLUME   444397.895 3749082.044 207.95
   LOCATION L0053058     VOLUME   444385.321 3749079.641 207.53
   LOCATION L0053059     VOLUME   444372.747 3749077.238 207.11
   LOCATION L0053060     VOLUME   444360.173 3749074.836 206.69
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LOCATION L0053061     VOLUME   444347.599 3749072.433 206.28
LOCATION L0053062     VOLUME   444335.025 3749070.031 205.93
LOCATION L0053063     VOLUME   444322.451 3749067.628 205.79
LOCATION L0053064     VOLUME   444309.876 3749065.226 205.70
LOCATION L0053065     VOLUME   444297.302 3749062.823 205.78
LOCATION L0053066     VOLUME   444284.728 3749060.421 205.86
LOCATION L0053067     VOLUME   444272.154 3749058.018 205.94
LOCATION L0053068     VOLUME   444259.580 3749055.615 206.02
LOCATION L0053069     VOLUME   444247.006 3749053.213 206.10
LOCATION L0053070     VOLUME   444234.432 3749050.810 206.18
LOCATION L0053071     VOLUME   444221.834 3749048.544 206.26
LOCATION L0053072     VOLUME   444209.185 3749046.573 206.55
LOCATION L0053073     VOLUME   444196.536 3749044.601 206.85
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LOCATION L0053076     VOLUME   444158.590 3749038.687 206.99
LOCATION L0053077     VOLUME   444145.941 3749036.715 206.71
LOCATION L0053078     VOLUME   444133.292 3749034.744 206.38
LOCATION L0053079     VOLUME   444120.643 3749032.772 206.16
LOCATION L0053080     VOLUME   444107.994 3749030.801 206.04
LOCATION L0053081     VOLUME   444095.345 3749028.829 205.99
LOCATION L0053082     VOLUME   444082.696 3749026.858 205.99
LOCATION L0053083     VOLUME   444069.929 3749025.993 206.01
LOCATION L0053084     VOLUME   444057.149 3749025.251 205.63
LOCATION L0053085     VOLUME   444044.362 3749024.731 205.22
LOCATION L0053086     VOLUME   444031.561 3749024.613 205.04
LOCATION L0053087     VOLUME   444018.760 3749024.494 205.02
LOCATION L0053088     VOLUME   444005.958 3749024.375 204.89
LOCATION L0053089     VOLUME   443993.157 3749024.257 204.50
LOCATION L0053090     VOLUME   443980.356 3749024.138 204.10
LOCATION L0053091     VOLUME   443967.555 3749024.019 204.07
LOCATION L0053092     VOLUME   443954.754 3749023.901 204.08
LOCATION L0053093     VOLUME   443941.953 3749023.782 204.06
LOCATION L0053094     VOLUME   443929.152 3749023.663 204.03
LOCATION L0053095     VOLUME   443916.351 3749023.545 203.91
LOCATION L0053096     VOLUME   443903.550 3749023.426 203.52
LOCATION L0053097     VOLUME   443890.749 3749023.307 203.14
LOCATION L0053098     VOLUME   443877.979 3749024.142 203.04
LOCATION L0053099     VOLUME   443865.214 3749025.104 203.01
LOCATION L0053100     VOLUME   443852.449 3749026.067 202.77
LOCATION L0053101     VOLUME   443839.683 3749027.029 202.34
LOCATION L0053102     VOLUME   443826.918 3749027.991 202.00
LOCATION L0053103     VOLUME   443814.152 3749028.953 201.95
LOCATION L0053104     VOLUME   443801.387 3749029.915 201.88
LOCATION L0053105     VOLUME   443788.690 3749031.486 201.82
LOCATION L0053106     VOLUME   443776.032 3749033.393 201.76
LOCATION L0053107     VOLUME   443763.373 3749035.301 201.56
LOCATION L0053108     VOLUME   443750.716 3749037.222 201.24
LOCATION L0053109     VOLUME   443738.070 3749039.208 200.94
LOCATION L0053110     VOLUME   443725.423 3749041.194 200.30
LOCATION L0053111     VOLUME   443712.777 3749043.180 199.61
LOCATION L0053112     VOLUME   443700.130 3749045.167 199.06
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LOCATION L0053114     VOLUME   443674.837 3749049.139 198.23
LOCATION L0053115     VOLUME   443662.170 3749050.990 198.17
LOCATION L0053116     VOLUME   443649.499 3749052.817 198.11
LOCATION L0053117     VOLUME   443636.829 3749054.644 198.05
LOCATION L0053118     VOLUME   443624.158 3749056.471 197.99
LOCATION L0053119     VOLUME   443611.488 3749058.299 197.93
LOCATION L0053120     VOLUME   443598.817 3749060.126 197.87
LOCATION L0053121     VOLUME   443586.161 3749062.046 197.80
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LOCATION L0053123     VOLUME   443560.888 3749066.145 197.67
LOCATION L0053124     VOLUME   443548.252 3749068.195 197.38
LOCATION L0053125     VOLUME   443535.615 3749070.244 197.11
LOCATION L0053126     VOLUME   443522.979 3749072.294 196.89
LOCATION L0053127     VOLUME   443510.342 3749074.343 196.62
LOCATION L0053128     VOLUME   443497.706 3749076.393 196.31
LOCATION L0053129     VOLUME   443485.069 3749078.442 196.14
LOCATION L0053130     VOLUME   443472.433 3749080.491 196.02
LOCATION L0053131     VOLUME   443459.796 3749082.541 195.68
LOCATION L0053132     VOLUME   443447.160 3749084.590 195.26
LOCATION L0053133     VOLUME   443434.518 3749086.605 194.84
LOCATION L0053134     VOLUME   443421.873 3749088.603 194.42
LOCATION L0053135     VOLUME   443409.228 3749090.602 194.00
LOCATION L0053136     VOLUME   443396.584 3749092.600 193.91
LOCATION L0053137     VOLUME   443383.939 3749094.599 193.76
LOCATION L0053138     VOLUME   443371.294 3749096.597 193.48
LOCATION L0053139     VOLUME   443358.650 3749098.596 193.18
LOCATION L0053140     VOLUME   443346.005 3749100.594 192.95
LOCATION L0053141     VOLUME   443333.361 3749102.593 192.71
LOCATION L0053142     VOLUME   443320.716 3749104.590 192.41
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LOCATION L0053144     VOLUME   443295.426 3749108.584 191.46
LOCATION L0053145     VOLUME   443282.781 3749110.580 191.15
LOCATION L0053146     VOLUME   443270.136 3749112.577 191.04
LOCATION L0053147     VOLUME   443257.491 3749114.574 190.94
LOCATION L0053148     VOLUME   443244.846 3749116.571 190.50
LOCATION L0053149     VOLUME   443232.201 3749118.567 190.02
LOCATION L0053150     VOLUME   443219.556 3749120.564 189.85
LOCATION L0053151     VOLUME   443206.916 3749122.586 189.79
LOCATION L0053152     VOLUME   443194.282 3749124.655 189.55
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LOCATION L0053154     VOLUME   443169.015 3749128.792 188.57
LOCATION L0053155     VOLUME   443156.382 3749130.861 188.29
LOCATION L0053156     VOLUME   443143.749 3749132.930 188.07
LOCATION L0053157     VOLUME   443131.115 3749134.998 187.73
LOCATION L0053158     VOLUME   443118.482 3749137.067 187.31
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LOCATION L0053160     VOLUME   443093.265 3749141.488 186.55
LOCATION L0053161     VOLUME   443080.687 3749143.866 186.12
LOCATION L0053162     VOLUME   443068.108 3749146.244 186.00
LOCATION L0053163     VOLUME   443055.502 3749148.468 185.94
LOCATION L0053164     VOLUME   443042.857 3749150.462 185.67
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LOCATION L0053165     VOLUME   443030.212 3749152.456 185.29
LOCATION L0053166     VOLUME   443017.566 3749154.449 184.94
LOCATION L0053167     VOLUME   443004.921 3749156.443 184.52
LOCATION L0053168     VOLUME   442992.275 3749158.437 184.10
LOCATION L0053169     VOLUME   442979.630 3749160.430 183.83
LOCATION L0053170     VOLUME   442966.984 3749162.424 183.66
LOCATION L0053171     VOLUME   442954.339 3749164.417 183.51
LOCATION L0053172     VOLUME   442941.694 3749166.411 183.28
LOCATION L0053173     VOLUME   442929.048 3749168.405 183.00
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LOCATION L0053176     VOLUME   442891.112 3749174.386 182.74
LOCATION L0053177     VOLUME   442878.467 3749176.379 182.27
LOCATION L0053178     VOLUME   442865.821 3749178.373 181.32
LOCATION L0053179     VOLUME   442853.176 3749180.367 179.99
LOCATION L0053180     VOLUME   442840.529 3749182.353 178.88
LOCATION L0053181     VOLUME   442827.883 3749184.338 179.11
LOCATION L0053182     VOLUME   442815.236 3749186.323 179.46
LOCATION L0053183     VOLUME   442802.589 3749188.308 179.60
LOCATION L0053184     VOLUME   442789.942 3749190.292 179.53
LOCATION L0053185     VOLUME   442777.295 3749192.277 179.56
LOCATION L0053186     VOLUME   442764.648 3749194.262 180.08
LOCATION L0053187     VOLUME   442752.002 3749196.247 180.54
LOCATION L0053188     VOLUME   442739.355 3749198.232 180.53
LOCATION L0053189     VOLUME   442726.708 3749200.216 180.40
LOCATION L0053190     VOLUME   442714.015 3749201.870 180.77
LOCATION L0053191     VOLUME   442701.312 3749203.457 181.87
LOCATION L0053192     VOLUME   442688.609 3749205.044 183.00
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LOCATION L0053194     VOLUME   442663.265 3749208.637 182.98
LOCATION L0053195     VOLUME   442650.648 3749210.804 183.00
LOCATION L0053196     VOLUME   442638.032 3749212.971 183.00
LOCATION L0053197     VOLUME   442625.415 3749215.138 183.00
LOCATION L0053198     VOLUME   442612.798 3749217.305 183.00
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LOCATION L0053201     VOLUME   442574.956 3749223.852 182.19
LOCATION L0053202     VOLUME   442562.439 3749226.537 181.69
LOCATION L0053203     VOLUME   442549.922 3749229.221 181.01
LOCATION L0053204     VOLUME   442537.405 3749231.906 180.22
LOCATION L0053205     VOLUME   442524.888 3749234.590 179.62
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LOCATION L0053208     VOLUME   442487.337 3749242.643 179.57
LOCATION L0053209     VOLUME   442475.190 3749246.670 179.51
LOCATION L0053210     VOLUME   442463.064 3749250.772 178.97
LOCATION L0053211     VOLUME   442450.937 3749254.875 178.43
LOCATION L0053212     VOLUME   442438.811 3749258.978 177.89
LOCATION L0053213     VOLUME   442426.685 3749263.080 177.35
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   LOCATION L0053220     VOLUME   442342.672 3749294.126 175.66
   LOCATION L0053221     VOLUME   442330.838 3749299.007 175.85
   LOCATION L0053222     VOLUME   442319.003 3749303.888 176.43
   LOCATION L0053223     VOLUME   442307.169 3749308.769 177.06
   LOCATION L0053224     VOLUME   442295.334 3749313.650 177.55
   LOCATION L0053225     VOLUME   442283.500 3749318.531 177.78
   LOCATION L0053226     VOLUME   442271.665 3749323.412 178.01
   LOCATION L0053227     VOLUME   442259.831 3749328.294 177.66
   LOCATION L0053228     VOLUME   442247.996 3749333.175 177.12
   LOCATION L0053229     VOLUME   442236.162 3749338.056 176.71
   LOCATION L0053230     VOLUME   442224.327 3749342.937 176.94
   LOCATION L0053231     VOLUME   442212.493 3749347.818 177.17
   LOCATION L0053232     VOLUME   442200.658 3749352.699 176.89
   LOCATION L0053233     VOLUME   442188.823 3749357.580 176.24
   LOCATION L0053234     VOLUME   442176.989 3749362.461 175.93
   LOCATION L0053235     VOLUME   442165.154 3749367.342 176.40
   LOCATION L0053236     VOLUME   442153.320 3749372.223 176.73
   LOCATION L0053237     VOLUME   442141.485 3749377.104 176.60
   LOCATION L0053238     VOLUME   442129.651 3749381.985 176.28
   LOCATION L0053239     VOLUME   442117.816 3749386.866 176.93
   LOCATION L0053240     VOLUME   442105.982 3749391.747 176.38
   LOCATION L0053241     VOLUME   442094.147 3749396.629 175.82
   LOCATION L0053242     VOLUME   442082.313 3749401.510 175.50
** End of LINE VOLUME Source ID = SR91EHOV
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SR91WHOV
** DESCRSRC SR91 West HOv Lanes
** PREFIX
** Length of Side = 12.80
** Configuration = Adjacent
** Emission Rate = 1.0
** Elevated
** Vertical Dimension = 0.91
** SZINIT = 0.21
** Nodes = 23
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** 444100.767, 3749015.955, 206.25, 0.91, 5.95
** 444070.235, 3749012.040, 206.38, 0.91, 5.95
** 443979.814, 3749006.560, 205.04, 0.91, 5.95
** 443855.339, 3749008.909, 202.94, 0.91, 5.95
** 443728.907, 3749024.957, 200.70, 0.91, 5.95
** 443620.089, 3749043.355, 198.39, 0.91, 5.95
** 443476.824, 3749067.624, 196.09, 0.91, 5.95
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** 442633.680, 3749199.536, 183.00, 0.91, 5.95
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** 442496.288, 3749226.153, 179.75, 0.91, 5.95
** 442418.001, 3749250.814, 177.60, 0.91, 5.95
** 442389.035, 3749260.991, 177.10, 0.91, 5.95
** 442292.743, 3749297.394, 178.12, 0.91, 5.95
** 442123.645, 3749367.852, 176.22, 0.91, 5.95
** 442063.756, 3749393.686, 176.00, 0.91, 5.95
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   LOCATION L0053245     VOLUME   444427.903 3749075.998 208.00
   LOCATION L0053246     VOLUME   444415.337 3749073.555 208.00
   LOCATION L0053247     VOLUME   444402.770 3749071.111 208.00
   LOCATION L0053248     VOLUME   444390.204 3749068.668 207.70
   LOCATION L0053249     VOLUME   444377.638 3749066.224 207.28
   LOCATION L0053250     VOLUME   444365.072 3749063.781 206.86
   LOCATION L0053251     VOLUME   444352.505 3749061.337 206.44
   LOCATION L0053252     VOLUME   444339.939 3749058.894 206.02
   LOCATION L0053253     VOLUME   444327.373 3749056.450 206.00
   LOCATION L0053254     VOLUME   444314.807 3749054.007 206.07
   LOCATION L0053255     VOLUME   444302.240 3749051.564 206.15
   LOCATION L0053256     VOLUME   444289.674 3749049.120 206.24
   LOCATION L0053257     VOLUME   444277.108 3749046.677 206.32
   LOCATION L0053258     VOLUME   444264.542 3749044.233 206.40
   LOCATION L0053259     VOLUME   444251.975 3749041.790 206.48
   LOCATION L0053260     VOLUME   444239.409 3749039.346 206.56
   LOCATION L0053261     VOLUME   444226.843 3749036.903 206.64
   LOCATION L0053262     VOLUME   444214.277 3749034.460 206.77
   LOCATION L0053263     VOLUME   444201.695 3749032.098 206.92
   LOCATION L0053264     VOLUME   444189.082 3749029.913 207.00
   LOCATION L0053265     VOLUME   444176.468 3749027.729 207.00
   LOCATION L0053266     VOLUME   444163.854 3749025.544 207.00
   LOCATION L0053267     VOLUME   444151.240 3749023.360 206.76
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** Line Source Represented by Adjacent Volume Sources
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** Configuration = Adjacent
** Emission Rate = 1.0
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LOCATION L0053552 VOLUME 444389.503 3749054.392 207.67
LOCATION L0053553 VOLUME 444409.268 3749058.138 208.00
LOCATION L0053554 VOLUME 444429.033 3749061.884 208.00
LOCATION L0053555 VOLUME 444448.798 3749065.630 208.00

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** End of LINE VOLUME Source ID = SR91W14
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SR91W56
** DESCRSRC SR91 W Lanes 5 and 6 (Trucks)
** PREFIX
** Length of Side = 12.80
** Configuration = Adjacent
** Emission Rate = 1.0
** Elevated
** Vertical Dimension = 3.66
** SZINIT = 0.85
** Nodes = 23
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** 442276.694, 3749283.303, 179.61, 3.66, 5.95
** 442389.035, 3749240.636, 179.00, 3.66, 5.95
** 442479.065, 3749212.062, 181.02, 3.66, 5.95
** 442564.005, 3749190.925, 182.55, 3.66, 5.95
** 442668.126, 3749174.093, 183.08, 3.66, 5.95
** 442839.573, 3749148.259, 180.00, 3.66, 5.95
** 442944.086, 3749132.601, 183.00, 3.66, 5.95
** 443057.210, 3749113.030, 185.94, 3.66, 5.95
** 443266.234, 3749081.715, 191.19, 3.66, 5.95
** 443375.052, 3749063.318, 194.07, 3.66, 5.95
** 443490.525, 3749045.703, 196.80, 3.66, 5.95
** 443555.894, 3749034.352, 198.04, 3.66, 5.95
** 443669.018, 3749014.389, 199.22, 3.66, 5.95
** 443744.955, 3749000.689, 201.05, 3.66, 5.95
** 443802.887, 3748995.209, 201.98, 3.66, 5.95
** 443862.776, 3748991.294, 203.02, 3.66, 5.95
** 443927.363, 3748989.337, 204.14, 3.66, 5.95
** 444011.912, 3748990.120, 205.16, 3.66, 5.95
** 444120.338, 3749000.689, 207.06, 3.66, 5.95
** 444228.765, 3749018.695, 207.18, 3.66, 5.95
** 444325.057, 3749038.266, 207.00, 3.66, 5.95
** 444451.881, 3749060.186, 208.05, 3.66, 5.95
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   LOCATION L0053557     VOLUME   442083.537 3749360.709 176.17
   LOCATION L0053558     VOLUME   442095.420 3749355.947 176.01
   LOCATION L0053559     VOLUME   442107.303 3749351.185 176.07
   LOCATION L0053560     VOLUME   442119.186 3749346.423 176.00
   LOCATION L0053561     VOLUME   442131.069 3749341.661 178.00
   LOCATION L0053562     VOLUME   442142.952 3749336.899 178.00
   LOCATION L0053563     VOLUME   442154.835 3749332.137 178.07
   LOCATION L0053564     VOLUME   442166.718 3749327.375 178.51
   LOCATION L0053565     VOLUME   442178.601 3749322.613 178.86
   LOCATION L0053566     VOLUME   442190.484 3749317.851 178.56
   LOCATION L0053567     VOLUME   442202.367 3749313.089 178.47
   LOCATION L0053568     VOLUME   442214.249 3749308.327 178.53
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LOCATION L0053569     VOLUME   442226.132 3749303.565 178.62
LOCATION L0053570     VOLUME   442238.015 3749298.803 178.83
LOCATION L0053571     VOLUME   442249.898 3749294.041 179.14
LOCATION L0053572     VOLUME   442261.781 3749289.279 179.46
LOCATION L0053573     VOLUME   442273.664 3749284.517 179.63
LOCATION L0053574     VOLUME   442285.610 3749279.916 179.54
LOCATION L0053575     VOLUME   442297.578 3749275.371 179.44
LOCATION L0053576     VOLUME   442309.545 3749270.826 179.01
LOCATION L0053577     VOLUME   442321.513 3749266.281 178.51
LOCATION L0053578     VOLUME   442333.480 3749261.736 178.19
LOCATION L0053579     VOLUME   442345.448 3749257.191 177.98
LOCATION L0053580     VOLUME   442357.416 3749252.645 177.90
LOCATION L0053581     VOLUME   442369.383 3749248.100 178.34
LOCATION L0053582     VOLUME   442381.351 3749243.555 178.64
LOCATION L0053583     VOLUME   442393.402 3749239.251 178.67
LOCATION L0053584     VOLUME   442405.604 3749235.378 178.46
LOCATION L0053585     VOLUME   442417.806 3749231.505 178.05
LOCATION L0053586     VOLUME   442430.007 3749227.632 178.56
LOCATION L0053587     VOLUME   442442.209 3749223.760 179.39
LOCATION L0053588     VOLUME   442454.411 3749219.887 180.16
LOCATION L0053589     VOLUME   442466.613 3749216.014 180.53
LOCATION L0053590     VOLUME   442478.814 3749212.141 180.80
LOCATION L0053591     VOLUME   442491.232 3749209.034 180.87
LOCATION L0053592     VOLUME   442503.655 3749205.943 181.01
LOCATION L0053593     VOLUME   442516.078 3749202.851 181.34
LOCATION L0053594     VOLUME   442528.501 3749199.760 181.85
LOCATION L0053595     VOLUME   442540.923 3749196.668 182.32
LOCATION L0053596     VOLUME   442553.346 3749193.577 182.42
LOCATION L0053597     VOLUME   442565.799 3749190.635 182.52
LOCATION L0053598     VOLUME   442578.437 3749188.592 182.71
LOCATION L0053599     VOLUME   442591.074 3749186.549 182.90
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LOCATION L0053601     VOLUME   442616.350 3749182.463 183.00
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LOCATION L0053603     VOLUME   442641.625 3749178.377 183.00
LOCATION L0053604     VOLUME   442654.262 3749176.334 183.00
LOCATION L0053605     VOLUME   442666.900 3749174.291 183.06
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LOCATION L0053609     VOLUME   442717.532 3749166.648 182.68
LOCATION L0053610     VOLUME   442730.191 3749164.741 182.49
LOCATION L0053611     VOLUME   442742.850 3749162.833 182.19
LOCATION L0053612     VOLUME   442755.509 3749160.926 181.69
LOCATION L0053613     VOLUME   442768.167 3749159.018 181.10
LOCATION L0053614     VOLUME   442780.826 3749157.111 180.60
LOCATION L0053615     VOLUME   442793.485 3749155.203 180.37
LOCATION L0053616     VOLUME   442806.143 3749153.296 180.08
LOCATION L0053617     VOLUME   442818.802 3749151.388 179.95
LOCATION L0053618     VOLUME   442831.461 3749149.481 179.92
LOCATION L0053619     VOLUME   442844.120 3749147.577 180.43
LOCATION L0053620     VOLUME   442856.780 3749145.681 181.73
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LOCATION L0053622     VOLUME   442882.101 3749141.887 182.84
LOCATION L0053623     VOLUME   442894.761 3749139.991 182.94
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LOCATION L0053625     VOLUME   442920.082 3749136.197 183.00
LOCATION L0053626     VOLUME   442932.742 3749134.301 183.00
LOCATION L0053627     VOLUME   442945.398 3749132.374 183.00
LOCATION L0053628     VOLUME   442958.012 3749130.192 183.00
LOCATION L0053629     VOLUME   442970.626 3749128.009 183.15
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LOCATION L0053632     VOLUME   443008.469 3749121.462 183.81
LOCATION L0053633     VOLUME   443021.083 3749119.280 184.21
LOCATION L0053634     VOLUME   443033.697 3749117.098 184.97
LOCATION L0053635     VOLUME   443046.311 3749114.915 185.76
LOCATION L0053636     VOLUME   443058.932 3749112.772 186.24
LOCATION L0053637     VOLUME   443071.592 3749110.875 186.70
LOCATION L0053638     VOLUME   443084.252 3749108.978 187.04
LOCATION L0053639     VOLUME   443096.913 3749107.082 187.18
LOCATION L0053640     VOLUME   443109.573 3749105.185 187.37
LOCATION L0053641     VOLUME   443122.233 3749103.288 187.86
LOCATION L0053642     VOLUME   443134.894 3749101.392 188.35
LOCATION L0053643     VOLUME   443147.554 3749099.495 188.68
LOCATION L0053644     VOLUME   443160.214 3749097.598 188.88
LOCATION L0053645     VOLUME   443172.875 3749095.702 189.12
LOCATION L0053646     VOLUME   443185.535 3749093.805 189.54
LOCATION L0053647     VOLUME   443198.195 3749091.908 189.96
LOCATION L0053648     VOLUME   443210.856 3749090.012 190.34
LOCATION L0053649     VOLUME   443223.516 3749088.115 190.75
LOCATION L0053650     VOLUME   443236.176 3749086.218 191.00
LOCATION L0053651     VOLUME   443248.837 3749084.321 191.04
LOCATION L0053652     VOLUME   443261.497 3749082.425 191.19
LOCATION L0053653     VOLUME   443274.133 3749080.380 191.59
LOCATION L0053654     VOLUME   443286.756 3749078.246 191.94
LOCATION L0053655     VOLUME   443299.378 3749076.112 192.34
LOCATION L0053656     VOLUME   443312.001 3749073.978 192.76
LOCATION L0053657     VOLUME   443324.623 3749071.844 193.08
LOCATION L0053658     VOLUME   443337.246 3749069.710 193.33
LOCATION L0053659     VOLUME   443349.868 3749067.576 193.63
LOCATION L0053660     VOLUME   443362.491 3749065.442 193.83
LOCATION L0053661     VOLUME   443375.113 3749063.308 193.97
LOCATION L0053662     VOLUME   443387.769 3749061.378 194.23
LOCATION L0053663     VOLUME   443400.424 3749059.448 194.63
LOCATION L0053664     VOLUME   443413.079 3749057.517 194.96
LOCATION L0053665     VOLUME   443425.734 3749055.587 195.02
LOCATION L0053666     VOLUME   443438.390 3749053.656 195.08
LOCATION L0053667     VOLUME   443451.045 3749051.726 195.48
LOCATION L0053668     VOLUME   443463.700 3749049.795 195.85
LOCATION L0053669     VOLUME   443476.355 3749047.865 196.23
LOCATION L0053670     VOLUME   443489.010 3749045.934 196.66
LOCATION L0053671     VOLUME   443501.628 3749043.775 197.03
LOCATION L0053672     VOLUME   443514.241 3749041.585 197.24
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LOCATION L0053673     VOLUME   443526.854 3749039.395 197.51
LOCATION L0053674     VOLUME   443539.467 3749037.204 197.76
LOCATION L0053675     VOLUME   443552.080 3749035.014 197.93
LOCATION L0053676     VOLUME   443564.688 3749032.800 198.00
LOCATION L0053677     VOLUME   443577.295 3749030.575 198.00
LOCATION L0053678     VOLUME   443589.902 3749028.350 198.02
LOCATION L0053679     VOLUME   443602.509 3749026.126 198.44
LOCATION L0053680     VOLUME   443615.115 3749023.901 198.87
LOCATION L0053681     VOLUME   443627.722 3749021.676 199.04
LOCATION L0053682     VOLUME   443640.329 3749019.452 199.16
LOCATION L0053683     VOLUME   443652.936 3749017.227 199.30
LOCATION L0053684     VOLUME   443665.543 3749015.002 199.37
LOCATION L0053685     VOLUME   443678.143 3749012.742 199.45
LOCATION L0053686     VOLUME   443690.741 3749010.470 199.90
LOCATION L0053687     VOLUME   443703.340 3749008.197 200.40
LOCATION L0053688     VOLUME   443715.938 3749005.924 200.75
LOCATION L0053689     VOLUME   443728.536 3749003.651 200.91
LOCATION L0053690     VOLUME   443741.134 3749001.378 201.06
LOCATION L0053691     VOLUME   443753.835 3748999.849 201.48
LOCATION L0053692     VOLUME   443766.579 3748998.643 201.91
LOCATION L0053693     VOLUME   443779.324 3748997.438 202.00
LOCATION L0053694     VOLUME   443792.069 3748996.232 202.00
LOCATION L0053695     VOLUME   443804.818 3748995.082 201.96
LOCATION L0053696     VOLUME   443817.592 3748994.248 201.94
LOCATION L0053697     VOLUME   443830.367 3748993.413 201.95
LOCATION L0053698     VOLUME   443843.141 3748992.578 202.40
LOCATION L0053699     VOLUME   443855.915 3748991.743 202.87
LOCATION L0053700     VOLUME   443868.700 3748991.115 203.31
LOCATION L0053701     VOLUME   443881.495 3748990.727 203.74
LOCATION L0053702     VOLUME   443894.291 3748990.339 204.00
LOCATION L0053703     VOLUME   443907.087 3748989.952 204.00
LOCATION L0053704     VOLUME   443919.882 3748989.564 204.02
LOCATION L0053705     VOLUME   443932.680 3748989.386 204.44
LOCATION L0053706     VOLUME   443945.481 3748989.505 204.87
LOCATION L0053707     VOLUME   443958.282 3748989.623 205.07
LOCATION L0053708     VOLUME   443971.084 3748989.742 205.16
LOCATION L0053709     VOLUME   443983.885 3748989.861 205.21
LOCATION L0053710     VOLUME   443996.686 3748989.979 205.21
LOCATION L0053711     VOLUME   444009.487 3748990.098 205.21
LOCATION L0053712     VOLUME   444022.239 3748991.127 205.60
LOCATION L0053713     VOLUME   444034.980 3748992.369 205.98
LOCATION L0053714     VOLUME   444047.722 3748993.611 206.34
LOCATION L0053715     VOLUME   444060.463 3748994.852 206.72
LOCATION L0053716     VOLUME   444073.204 3748996.094 207.00
LOCATION L0053717     VOLUME   444085.945 3748997.336 206.96
LOCATION L0053718     VOLUME   444098.687 3748998.578 206.92
LOCATION L0053719     VOLUME   444111.428 3748999.820 206.88
LOCATION L0053720     VOLUME   444124.135 3749001.319 206.83
LOCATION L0053721     VOLUME   444136.764 3749003.416 206.82
LOCATION L0053722     VOLUME   444149.392 3749005.514 206.90
LOCATION L0053723     VOLUME   444162.021 3749007.611 207.00
LOCATION L0053724     VOLUME   444174.650 3749009.708 207.00
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   LOCATION L0053726     VOLUME   444199.907 3749013.902 207.14
   LOCATION L0053727     VOLUME   444212.536 3749015.999 207.26
   LOCATION L0053728     VOLUME   444225.164 3749018.097 207.27
   LOCATION L0053729     VOLUME   444237.733 3749020.517 207.19
   LOCATION L0053730     VOLUME   444250.278 3749023.067 207.10
   LOCATION L0053731     VOLUME   444262.823 3749025.617 207.02
   LOCATION L0053732     VOLUME   444275.369 3749028.167 206.93
   LOCATION L0053733     VOLUME   444287.914 3749030.717 206.85
   LOCATION L0053734     VOLUME   444300.459 3749033.266 206.76
   LOCATION L0053735     VOLUME   444313.004 3749035.816 206.68
   LOCATION L0053736     VOLUME   444325.552 3749038.352 206.59
   LOCATION L0053737     VOLUME   444338.166 3749040.532 206.52
   LOCATION L0053738     VOLUME   444350.781 3749042.712 206.66
   LOCATION L0053739     VOLUME   444363.395 3749044.893 206.88
   LOCATION L0053740     VOLUME   444376.010 3749047.073 207.22
   LOCATION L0053741     VOLUME   444388.624 3749049.253 207.64
   LOCATION L0053742     VOLUME   444401.239 3749051.433 208.01
   LOCATION L0053743     VOLUME   444413.854 3749053.614 208.04
   LOCATION L0053744     VOLUME   444426.468 3749055.794 208.01
   LOCATION L0053745     VOLUME   444439.083 3749057.974 208.00
   LOCATION L0053746     VOLUME   444451.697 3749060.155 208.00
** End of LINE VOLUME Source ID = SR91W56
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SR91ERAMP
** DESCRSRC SR9` Eastbound Exit Ramps
** PREFIX
** Length of Side = 12.80
** Configuration = Adjacent
** Emission Rate = 1.0
** Elevated
** Vertical Dimension = 0.91
** SZINIT = 0.21
** Nodes = 8
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** 442257.156, 3749289.323, 179.30, 0.91, 5.95
** 442401.423, 3749236.129, 178.81, 0.91, 5.95
** 442516.676, 3749199.055, 181.29, 0.91, 5.95
** 442623.869, 3749180.518, 183.04, 0.91, 5.95
** 442838.255, 3749149.891, 180.03, 0.91, 5.95
** 443117.924, 3749085.414, 188.14, 0.91, 5.95
** 443272.669, 3749035.445, 192.33, 0.91, 5.95
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   LOCATION L0053747     VOLUME   442070.471 3749364.309 176.46
   LOCATION L0053748     VOLUME   442082.350 3749359.538 176.21
   LOCATION L0053749     VOLUME   442094.229 3749354.766 176.05
   LOCATION L0053750     VOLUME   442106.108 3749349.995 176.09
   LOCATION L0053751     VOLUME   442117.987 3749345.223 176.02
   LOCATION L0053752     VOLUME   442129.866 3749340.452 178.00
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LOCATION L0053753     VOLUME   442141.745 3749335.680 178.00
LOCATION L0053754     VOLUME   442153.625 3749330.909 178.08
LOCATION L0053755     VOLUME   442165.504 3749326.137 178.54
LOCATION L0053756     VOLUME   442177.383 3749321.366 178.79
LOCATION L0053757     VOLUME   442189.262 3749316.594 178.56
LOCATION L0053758     VOLUME   442201.141 3749311.823 178.49
LOCATION L0053759     VOLUME   442213.020 3749307.051 178.59
LOCATION L0053760     VOLUME   442224.899 3749302.280 178.69
LOCATION L0053761     VOLUME   442236.778 3749297.508 178.91
LOCATION L0053762     VOLUME   442248.658 3749292.737 179.23
LOCATION L0053763     VOLUME   442260.574 3749288.063 179.54
LOCATION L0053764     VOLUME   442272.585 3749283.634 179.73
LOCATION L0053765     VOLUME   442284.597 3749279.205 179.62
LOCATION L0053766     VOLUME   442296.608 3749274.776 179.52
LOCATION L0053767     VOLUME   442308.619 3749270.348 179.10
LOCATION L0053768     VOLUME   442320.630 3749265.919 178.60
LOCATION L0053769     VOLUME   442332.641 3749261.490 178.26
LOCATION L0053770     VOLUME   442344.652 3749257.062 178.04
LOCATION L0053771     VOLUME   442356.663 3749252.633 177.94
LOCATION L0053772     VOLUME   442368.675 3749248.204 178.33
LOCATION L0053773     VOLUME   442380.686 3749243.776 178.64
LOCATION L0053774     VOLUME   442392.697 3749239.347 178.69
LOCATION L0053775     VOLUME   442404.756 3749235.057 178.49
LOCATION L0053776     VOLUME   442416.943 3749231.137 178.08
LOCATION L0053777     VOLUME   442429.129 3749227.217 178.52
LOCATION L0053778     VOLUME   442441.316 3749223.297 179.36
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LOCATION L0053782     VOLUME   442490.062 3749207.616 180.93
LOCATION L0053783     VOLUME   442502.249 3749203.696 181.08
LOCATION L0053784     VOLUME   442514.435 3749199.776 181.38
LOCATION L0053785     VOLUME   442526.971 3749197.275 181.89
LOCATION L0053786     VOLUME   442539.585 3749195.093 182.37
LOCATION L0053787     VOLUME   442552.200 3749192.912 182.44
LOCATION L0053788     VOLUME   442564.814 3749190.730 182.51
LOCATION L0053789     VOLUME   442577.429 3749188.549 182.70
LOCATION L0053790     VOLUME   442590.043 3749186.368 182.89
LOCATION L0053791     VOLUME   442602.657 3749184.186 183.00
LOCATION L0053792     VOLUME   442615.272 3749182.005 183.00
LOCATION L0053793     VOLUME   442627.905 3749179.941 183.00
LOCATION L0053794     VOLUME   442640.578 3749178.131 183.00
LOCATION L0053795     VOLUME   442653.251 3749176.321 183.00
LOCATION L0053796     VOLUME   442665.924 3749174.510 183.06
LOCATION L0053797     VOLUME   442678.596 3749172.700 183.12
LOCATION L0053798     VOLUME   442691.269 3749170.889 183.12
LOCATION L0053799     VOLUME   442703.942 3749169.079 182.86
LOCATION L0053800     VOLUME   442716.615 3749167.268 182.66
LOCATION L0053801     VOLUME   442729.288 3749165.458 182.48
LOCATION L0053802     VOLUME   442741.961 3749163.648 182.20
LOCATION L0053803     VOLUME   442754.634 3749161.837 181.73
LOCATION L0053804     VOLUME   442767.307 3749160.027 181.12
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   LOCATION L0053806     VOLUME   442792.653 3749156.406 180.37
   LOCATION L0053807     VOLUME   442805.326 3749154.596 180.10
   LOCATION L0053808     VOLUME   442817.999 3749152.785 179.94
   LOCATION L0053809     VOLUME   442830.672 3749150.975 179.89
   LOCATION L0053810     VOLUME   442843.265 3749148.736 180.31
   LOCATION L0053811     VOLUME   442855.739 3749145.860 181.63
   LOCATION L0053812     VOLUME   442868.214 3749142.984 182.69
   LOCATION L0053813     VOLUME   442880.688 3749140.109 182.75
   LOCATION L0053814     VOLUME   442893.162 3749137.233 182.88
   LOCATION L0053815     VOLUME   442905.637 3749134.357 183.00
   LOCATION L0053816     VOLUME   442918.111 3749131.481 183.00
   LOCATION L0053817     VOLUME   442930.586 3749128.605 183.00
   LOCATION L0053818     VOLUME   442943.060 3749125.729 183.00
   LOCATION L0053819     VOLUME   442955.534 3749122.853 183.00
   LOCATION L0053820     VOLUME   442968.009 3749119.977 183.04
   LOCATION L0053821     VOLUME   442980.483 3749117.101 183.02
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   LOCATION L0053823     VOLUME   443005.432 3749111.349 183.45
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   LOCATION L0053825     VOLUME   443030.380 3749105.597 184.38
   LOCATION L0053826     VOLUME   443042.855 3749102.721 185.12
   LOCATION L0053827     VOLUME   443055.329 3749099.845 185.76
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   LOCATION L0053841     VOLUME   443227.346 3749050.080 191.19
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** End of LINE VOLUME Source ID = SR91ERAMP
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SR91WRAMP
** DESCRSRC SR91 Westbound Ramp
** PREFIX
** Length of Side = 12.80
** Configuration = Adjacent
** Emission Rate = 1.0
** Elevated
** Vertical Dimension = 0.91
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** 443030.074, 3749199.861, 184.94, 0.91, 5.95
** 442935.776, 3749205.503, 182.95, 0.91, 5.95
** 442856.792, 3749205.503, 177.60, 0.91, 5.95
** 442621.451, 3749243.383, 183.00, 0.91, 5.95
** 442501.363, 3749268.368, 178.92, 0.91, 5.95
** 442409.483, 3749298.188, 176.52, 0.91, 5.95
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   LOCATION L0053874     VOLUME   442918.435 3749205.503 181.58
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   LOCATION L0053878     VOLUME   442867.229 3749205.503 177.18
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   LOCATION L0053880     VOLUME   442841.819 3749207.913 177.86
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   LOCATION L0053882     VOLUME   442816.541 3749211.982 178.42
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LOCATION L0053891     VOLUME   442702.790 3749230.291 180.41
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LOCATION L0053905     VOLUME   442526.645 3749263.108 178.02
LOCATION L0053906     VOLUME   442514.112 3749265.715 178.69
LOCATION L0053907     VOLUME   442501.579 3749268.323 178.95
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LOCATION L0053909     VOLUME   442477.220 3749276.204 178.93
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LOCATION L0053915     VOLUME   442404.258 3749300.187 175.93
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LOCATION L0053917     VOLUME   442380.344 3749309.334 174.56
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LOCATION L0053928     VOLUME   442248.980 3749360.043 176.52
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LOCATION L0053934     VOLUME   442178.108 3749389.656 174.81
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   SRCPARAM L0052891     0.0052631579      3.66      5.95      0.85
   SRCPARAM L0052892     0.0052631579      3.66      5.95      0.85
   SRCPARAM L0052893     0.0052631579      3.66      5.95      0.85
   SRCPARAM L0052894     0.0052631579      3.66      5.95      0.85
   SRCPARAM L0052895     0.0052631579      3.66      5.95      0.85
   SRCPARAM L0052896     0.0052631579      3.66      5.95      0.85
   SRCPARAM L0052897     0.0052631579      3.66      5.95      0.85
   SRCPARAM L0052898     0.0052631579      3.66      5.95      0.85
   SRCPARAM L0052899     0.0052631579      3.66      5.95      0.85
   SRCPARAM L0052900     0.0052631579      3.66      5.95      0.85
   SRCPARAM L0052901     0.0052631579      3.66      5.95      0.85
   SRCPARAM L0052902     0.0052631579      3.66      5.95      0.85
   SRCPARAM L0052903     0.0052631579      3.66      5.95      0.85
   SRCPARAM L0052904     0.0052631579      3.66      5.95      0.85
   SRCPARAM L0052905     0.0052631579      3.66      5.95      0.85
   SRCPARAM L0052906     0.0052631579      3.66      5.95      0.85
   SRCPARAM L0052907     0.0052631579      3.66      5.95      0.85
   SRCPARAM L0052908     0.0052631579      3.66      5.95      0.85
   SRCPARAM L0052909     0.0052631579      3.66      5.95      0.85
   SRCPARAM L0052910     0.0052631579      3.66      5.95      0.85
   SRCPARAM L0052911     0.0052631579      3.66      5.95      0.85
   SRCPARAM L0052912     0.0052631579      3.66      5.95      0.85
   SRCPARAM L0052913     0.0052631579      3.66      5.95      0.85
   SRCPARAM L0052914     0.0052631579      3.66      5.95      0.85
   SRCPARAM L0052915     0.0052631579      3.66      5.95      0.85
   SRCPARAM L0052916     0.0052631579      3.66      5.95      0.85
   SRCPARAM L0052917     0.0052631579      3.66      5.95      0.85
   SRCPARAM L0052918     0.0052631579      3.66      5.95      0.85
   SRCPARAM L0052919     0.0052631579      3.66      5.95      0.85
   SRCPARAM L0052920     0.0052631579      3.66      5.95      0.85
   SRCPARAM L0052921     0.0052631579      3.66      5.95      0.85
   SRCPARAM L0052922     0.0052631579      3.66      5.95      0.85
   SRCPARAM L0052923     0.0052631579      3.66      5.95      0.85
   SRCPARAM L0052924     0.0052631579      3.66      5.95      0.85
   SRCPARAM L0052925     0.0052631579      3.66      5.95      0.85
   SRCPARAM L0052926     0.0052631579      3.66      5.95      0.85
   SRCPARAM L0052927     0.0052631579      3.66      5.95      0.85
   SRCPARAM L0052928     0.0052631579      3.66      5.95      0.85
   SRCPARAM L0052929     0.0052631579      3.66      5.95      0.85
   SRCPARAM L0052930     0.0052631579      3.66      5.95      0.85
   SRCPARAM L0052931     0.0052631579      3.66      5.95      0.85
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** LINE VOLUME Source ID = SR91E14
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   SRCPARAM L0052933     0.0082644628      0.91      9.36      0.21
   SRCPARAM L0052934     0.0082644628      0.91      9.36      0.21
   SRCPARAM L0052935     0.0082644628      0.91      9.36      0.21
   SRCPARAM L0052936     0.0082644628      0.91      9.36      0.21
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SRCPARAM L0052937     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052938     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052939     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052940     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052941     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052942     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052943     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052944     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052945     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052946     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052947     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052948     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052949     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052950     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052951     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052952     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052953     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052954     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052955     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052956     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052957     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052958     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052959     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052960     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052961     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052962     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052963     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052964     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052965     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052966     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052967     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052968     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052969     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052970     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052971     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052972     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052973     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052974     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052975     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052976     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052977     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052978     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052979     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052980     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052981     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052982     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052983     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052984     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052985     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052986     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052987     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052988     0.0082644628      0.91      9.36      0.21
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SRCPARAM L0052989     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052990     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052991     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052992     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052993     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052994     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052995     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052996     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052997     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052998     0.0082644628      0.91      9.36      0.21
SRCPARAM L0052999     0.0082644628      0.91      9.36      0.21
SRCPARAM L0053000     0.0082644628      0.91      9.36      0.21
SRCPARAM L0053001     0.0082644628      0.91      9.36      0.21
SRCPARAM L0053002     0.0082644628      0.91      9.36      0.21
SRCPARAM L0053003     0.0082644628      0.91      9.36      0.21
SRCPARAM L0053004     0.0082644628      0.91      9.36      0.21
SRCPARAM L0053005     0.0082644628      0.91      9.36      0.21
SRCPARAM L0053006     0.0082644628      0.91      9.36      0.21
SRCPARAM L0053007     0.0082644628      0.91      9.36      0.21
SRCPARAM L0053008     0.0082644628      0.91      9.36      0.21
SRCPARAM L0053009     0.0082644628      0.91      9.36      0.21
SRCPARAM L0053010     0.0082644628      0.91      9.36      0.21
SRCPARAM L0053011     0.0082644628      0.91      9.36      0.21
SRCPARAM L0053012     0.0082644628      0.91      9.36      0.21
SRCPARAM L0053013     0.0082644628      0.91      9.36      0.21
SRCPARAM L0053014     0.0082644628      0.91      9.36      0.21
SRCPARAM L0053015     0.0082644628      0.91      9.36      0.21
SRCPARAM L0053016     0.0082644628      0.91      9.36      0.21
SRCPARAM L0053017     0.0082644628      0.91      9.36      0.21
SRCPARAM L0053018     0.0082644628      0.91      9.36      0.21
SRCPARAM L0053019     0.0082644628      0.91      9.36      0.21
SRCPARAM L0053020     0.0082644628      0.91      9.36      0.21
SRCPARAM L0053021     0.0082644628      0.91      9.36      0.21
SRCPARAM L0053022     0.0082644628      0.91      9.36      0.21
SRCPARAM L0053023     0.0082644628      0.91      9.36      0.21
SRCPARAM L0053024     0.0082644628      0.91      9.36      0.21
SRCPARAM L0053025     0.0082644628      0.91      9.36      0.21
SRCPARAM L0053026     0.0082644628      0.91      9.36      0.21
SRCPARAM L0053027     0.0082644628      0.91      9.36      0.21
SRCPARAM L0053028     0.0082644628      0.91      9.36      0.21
SRCPARAM L0053029     0.0082644628      0.91      9.36      0.21
SRCPARAM L0053030     0.0082644628      0.91      9.36      0.21
SRCPARAM L0053031     0.0082644628      0.91      9.36      0.21
SRCPARAM L0053032     0.0082644628      0.91      9.36      0.21
SRCPARAM L0053033     0.0082644628      0.91      9.36      0.21
SRCPARAM L0053034     0.0082644628      0.91      9.36      0.21
SRCPARAM L0053035     0.0082644628      0.91      9.36      0.21
SRCPARAM L0053036     0.0082644628      0.91      9.36      0.21
SRCPARAM L0053037     0.0082644628      0.91      9.36      0.21
SRCPARAM L0053038     0.0082644628      0.91      9.36      0.21
SRCPARAM L0053039     0.0082644628      0.91      9.36      0.21
SRCPARAM L0053040     0.0082644628      0.91      9.36      0.21
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   SRCPARAM L0053041     0.0082644628      0.91      9.36      0.21
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   SRCPARAM L0053043     0.0082644628      0.91      9.36      0.21
   SRCPARAM L0053044     0.0082644628      0.91      9.36      0.21
   SRCPARAM L0053045     0.0082644628      0.91      9.36      0.21
   SRCPARAM L0053046     0.0082644628      0.91      9.36      0.21
   SRCPARAM L0053047     0.0082644628      0.91      9.36      0.21
   SRCPARAM L0053048     0.0082644628      0.91      9.36      0.21
   SRCPARAM L0053049     0.0082644628      0.91      9.36      0.21
   SRCPARAM L0053050     0.0082644628      0.91      9.36      0.21
   SRCPARAM L0053051     0.0082644628      0.91      9.36      0.21
   SRCPARAM L0053052     0.0082644628      0.91      9.36      0.21
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** LINE VOLUME Source ID = SR91EHOV
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   SRCPARAM L0053054     0.0052631579      0.91      5.95      0.21
   SRCPARAM L0053055     0.0052631579      0.91      5.95      0.21
   SRCPARAM L0053056     0.0052631579      0.91      5.95      0.21
   SRCPARAM L0053057     0.0052631579      0.91      5.95      0.21
   SRCPARAM L0053058     0.0052631579      0.91      5.95      0.21
   SRCPARAM L0053059     0.0052631579      0.91      5.95      0.21
   SRCPARAM L0053060     0.0052631579      0.91      5.95      0.21
   SRCPARAM L0053061     0.0052631579      0.91      5.95      0.21
   SRCPARAM L0053062     0.0052631579      0.91      5.95      0.21
   SRCPARAM L0053063     0.0052631579      0.91      5.95      0.21
   SRCPARAM L0053064     0.0052631579      0.91      5.95      0.21
   SRCPARAM L0053065     0.0052631579      0.91      5.95      0.21
   SRCPARAM L0053066     0.0052631579      0.91      5.95      0.21
   SRCPARAM L0053067     0.0052631579      0.91      5.95      0.21
   SRCPARAM L0053068     0.0052631579      0.91      5.95      0.21
   SRCPARAM L0053069     0.0052631579      0.91      5.95      0.21
   SRCPARAM L0053070     0.0052631579      0.91      5.95      0.21
   SRCPARAM L0053071     0.0052631579      0.91      5.95      0.21
   SRCPARAM L0053072     0.0052631579      0.91      5.95      0.21
   SRCPARAM L0053073     0.0052631579      0.91      5.95      0.21
   SRCPARAM L0053074     0.0052631579      0.91      5.95      0.21
   SRCPARAM L0053075     0.0052631579      0.91      5.95      0.21
   SRCPARAM L0053076     0.0052631579      0.91      5.95      0.21
   SRCPARAM L0053077     0.0052631579      0.91      5.95      0.21
   SRCPARAM L0053078     0.0052631579      0.91      5.95      0.21
   SRCPARAM L0053079     0.0052631579      0.91      5.95      0.21
   SRCPARAM L0053080     0.0052631579      0.91      5.95      0.21
   SRCPARAM L0053081     0.0052631579      0.91      5.95      0.21
   SRCPARAM L0053082     0.0052631579      0.91      5.95      0.21
   SRCPARAM L0053083     0.0052631579      0.91      5.95      0.21
   SRCPARAM L0053084     0.0052631579      0.91      5.95      0.21
   SRCPARAM L0053085     0.0052631579      0.91      5.95      0.21
   SRCPARAM L0053086     0.0052631579      0.91      5.95      0.21
   SRCPARAM L0053087     0.0052631579      0.91      5.95      0.21
   SRCPARAM L0053088     0.0052631579      0.91      5.95      0.21
   SRCPARAM L0053089     0.0052631579      0.91      5.95      0.21
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SRCPARAM L0053090     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053091     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053092     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053093     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053094     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053095     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053096     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053097     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053098     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053099     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053100     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053101     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053102     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053103     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053104     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053105     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053106     0.0052631579      0.91      5.95      0.21
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SRCPARAM L0053109     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053110     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053111     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053112     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053113     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053114     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053115     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053116     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053117     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053118     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053119     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053120     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053121     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053122     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053123     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053124     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053125     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053126     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053127     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053128     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053129     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053130     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053131     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053132     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053133     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053134     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053135     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053136     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053137     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053138     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053139     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053140     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053141     0.0052631579      0.91      5.95      0.21
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SRCPARAM L0053142     0.0052631579      0.91      5.95      0.21
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SRCPARAM L0053144     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053145     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053146     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053147     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053148     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053149     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053150     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053151     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053152     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053153     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053154     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053155     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053156     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053157     0.0052631579      0.91      5.95      0.21
SRCPARAM L0053158     0.0052631579      0.91      5.95      0.21
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** LINE VOLUME Source ID = SR91W14
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   SRCPARAM L0053435     0.0081967213      0.91      9.36      0.21
   SRCPARAM L0053436     0.0081967213      0.91      9.36      0.21
   SRCPARAM L0053437     0.0081967213      0.91      9.36      0.21
   SRCPARAM L0053438     0.0081967213      0.91      9.36      0.21
   SRCPARAM L0053439     0.0081967213      0.91      9.36      0.21
   SRCPARAM L0053440     0.0081967213      0.91      9.36      0.21
   SRCPARAM L0053441     0.0081967213      0.91      9.36      0.21
   SRCPARAM L0053442     0.0081967213      0.91      9.36      0.21
   SRCPARAM L0053443     0.0081967213      0.91      9.36      0.21
   SRCPARAM L0053444     0.0081967213      0.91      9.36      0.21
   SRCPARAM L0053445     0.0081967213      0.91      9.36      0.21
   SRCPARAM L0053446     0.0081967213      0.91      9.36      0.21
   SRCPARAM L0053447     0.0081967213      0.91      9.36      0.21
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SRCPARAM L0053448     0.0081967213      0.91      9.36      0.21
SRCPARAM L0053449     0.0081967213      0.91      9.36      0.21
SRCPARAM L0053450     0.0081967213      0.91      9.36      0.21
SRCPARAM L0053451     0.0081967213      0.91      9.36      0.21
SRCPARAM L0053452     0.0081967213      0.91      9.36      0.21
SRCPARAM L0053453     0.0081967213      0.91      9.36      0.21
SRCPARAM L0053454     0.0081967213      0.91      9.36      0.21
SRCPARAM L0053455     0.0081967213      0.91      9.36      0.21
SRCPARAM L0053456     0.0081967213      0.91      9.36      0.21
SRCPARAM L0053457     0.0081967213      0.91      9.36      0.21
SRCPARAM L0053458     0.0081967213      0.91      9.36      0.21
SRCPARAM L0053459     0.0081967213      0.91      9.36      0.21
SRCPARAM L0053460     0.0081967213      0.91      9.36      0.21
SRCPARAM L0053461     0.0081967213      0.91      9.36      0.21
SRCPARAM L0053462     0.0081967213      0.91      9.36      0.21
SRCPARAM L0053463     0.0081967213      0.91      9.36      0.21
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SRCPARAM L0053465     0.0081967213      0.91      9.36      0.21
SRCPARAM L0053466     0.0081967213      0.91      9.36      0.21
SRCPARAM L0053467     0.0081967213      0.91      9.36      0.21
SRCPARAM L0053468     0.0081967213      0.91      9.36      0.21
SRCPARAM L0053469     0.0081967213      0.91      9.36      0.21
SRCPARAM L0053470     0.0081967213      0.91      9.36      0.21
SRCPARAM L0053471     0.0081967213      0.91      9.36      0.21
SRCPARAM L0053472     0.0081967213      0.91      9.36      0.21
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SRCPARAM L0053475     0.0081967213      0.91      9.36      0.21
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SRCPARAM L0053477     0.0081967213      0.91      9.36      0.21
SRCPARAM L0053478     0.0081967213      0.91      9.36      0.21
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SRCPARAM L0053480     0.0081967213      0.91      9.36      0.21
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SRCPARAM L0053483     0.0081967213      0.91      9.36      0.21
SRCPARAM L0053484     0.0081967213      0.91      9.36      0.21
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SRCPARAM L0053486     0.0081967213      0.91      9.36      0.21
SRCPARAM L0053487     0.0081967213      0.91      9.36      0.21
SRCPARAM L0053488     0.0081967213      0.91      9.36      0.21
SRCPARAM L0053489     0.0081967213      0.91      9.36      0.21
SRCPARAM L0053490     0.0081967213      0.91      9.36      0.21
SRCPARAM L0053491     0.0081967213      0.91      9.36      0.21
SRCPARAM L0053492     0.0081967213      0.91      9.36      0.21
SRCPARAM L0053493     0.0081967213      0.91      9.36      0.21
SRCPARAM L0053494     0.0081967213      0.91      9.36      0.21
SRCPARAM L0053495     0.0081967213      0.91      9.36      0.21
SRCPARAM L0053496     0.0081967213      0.91      9.36      0.21
SRCPARAM L0053497     0.0081967213      0.91      9.36      0.21
SRCPARAM L0053498     0.0081967213      0.91      9.36      0.21
SRCPARAM L0053499     0.0081967213      0.91      9.36      0.21
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SRCPARAM L0053501     0.0081967213      0.91      9.36      0.21
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SRCPARAM L0053506     0.0081967213      0.91      9.36      0.21
SRCPARAM L0053507     0.0081967213      0.91      9.36      0.21
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SRCPARAM L0053511     0.0081967213      0.91      9.36      0.21
SRCPARAM L0053512     0.0081967213      0.91      9.36      0.21
SRCPARAM L0053513     0.0081967213      0.91      9.36      0.21
SRCPARAM L0053514     0.0081967213      0.91      9.36      0.21
SRCPARAM L0053515     0.0081967213      0.91      9.36      0.21
SRCPARAM L0053516     0.0081967213      0.91      9.36      0.21
SRCPARAM L0053517     0.0081967213      0.91      9.36      0.21
SRCPARAM L0053518     0.0081967213      0.91      9.36      0.21
SRCPARAM L0053519     0.0081967213      0.91      9.36      0.21
SRCPARAM L0053520     0.0081967213      0.91      9.36      0.21
SRCPARAM L0053521     0.0081967213      0.91      9.36      0.21
SRCPARAM L0053522     0.0081967213      0.91      9.36      0.21
SRCPARAM L0053523     0.0081967213      0.91      9.36      0.21
SRCPARAM L0053524     0.0081967213      0.91      9.36      0.21
SRCPARAM L0053525     0.0081967213      0.91      9.36      0.21
SRCPARAM L0053526     0.0081967213      0.91      9.36      0.21
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SRCPARAM L0053534     0.0081967213      0.91      9.36      0.21
SRCPARAM L0053535     0.0081967213      0.91      9.36      0.21
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SRCPARAM L0053538     0.0081967213      0.91      9.36      0.21
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SRCPARAM L0053541     0.0081967213      0.91      9.36      0.21
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SRCPARAM L0053545     0.0081967213      0.91      9.36      0.21
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SRCPARAM L0053547     0.0081967213      0.91      9.36      0.21
SRCPARAM L0053548     0.0081967213      0.91      9.36      0.21
SRCPARAM L0053549     0.0081967213      0.91      9.36      0.21
SRCPARAM L0053550     0.0081967213      0.91      9.36      0.21
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   SRCPARAM L0053559     0.0052356021      3.66      5.95      0.85
   SRCPARAM L0053560     0.0052356021      3.66      5.95      0.85
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   SRCPARAM L0053569     0.0052356021      3.66      5.95      0.85
   SRCPARAM L0053570     0.0052356021      3.66      5.95      0.85
   SRCPARAM L0053571     0.0052356021      3.66      5.95      0.85
   SRCPARAM L0053572     0.0052356021      3.66      5.95      0.85
   SRCPARAM L0053573     0.0052356021      3.66      5.95      0.85
   SRCPARAM L0053574     0.0052356021      3.66      5.95      0.85
   SRCPARAM L0053575     0.0052356021      3.66      5.95      0.85
   SRCPARAM L0053576     0.0052356021      3.66      5.95      0.85
   SRCPARAM L0053577     0.0052356021      3.66      5.95      0.85
   SRCPARAM L0053578     0.0052356021      3.66      5.95      0.85
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   SRCPARAM L0053587     0.0052356021      3.66      5.95      0.85
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   SRCPARAM L0053589     0.0052356021      3.66      5.95      0.85
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   SRCPARAM L0053600     0.0052356021      3.66      5.95      0.85
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SRCPARAM L0053613     0.0052356021      3.66      5.95      0.85
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SRCPARAM L0053625     0.0052356021      3.66      5.95      0.85
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SRCPARAM L0053652     0.0052356021      3.66      5.95      0.85
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SRCPARAM L0053687     0.0052356021      3.66      5.95      0.85
SRCPARAM L0053688     0.0052356021      3.66      5.95      0.85
SRCPARAM L0053689     0.0052356021      3.66      5.95      0.85
SRCPARAM L0053690     0.0052356021      3.66      5.95      0.85
SRCPARAM L0053691     0.0052356021      3.66      5.95      0.85
SRCPARAM L0053692     0.0052356021      3.66      5.95      0.85
SRCPARAM L0053693     0.0052356021      3.66      5.95      0.85
SRCPARAM L0053694     0.0052356021      3.66      5.95      0.85
SRCPARAM L0053695     0.0052356021      3.66      5.95      0.85
SRCPARAM L0053696     0.0052356021      3.66      5.95      0.85
SRCPARAM L0053697     0.0052356021      3.66      5.95      0.85
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SRCPARAM L0053699     0.0052356021      3.66      5.95      0.85
SRCPARAM L0053700     0.0052356021      3.66      5.95      0.85
SRCPARAM L0053701     0.0052356021      3.66      5.95      0.85
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   SRCPARAM L0053714     0.0052356021      3.66      5.95      0.85
   SRCPARAM L0053715     0.0052356021      3.66      5.95      0.85
   SRCPARAM L0053716     0.0052356021      3.66      5.95      0.85
   SRCPARAM L0053717     0.0052356021      3.66      5.95      0.85
   SRCPARAM L0053718     0.0052356021      3.66      5.95      0.85
   SRCPARAM L0053719     0.0052356021      3.66      5.95      0.85
   SRCPARAM L0053720     0.0052356021      3.66      5.95      0.85
   SRCPARAM L0053721     0.0052356021      3.66      5.95      0.85
   SRCPARAM L0053722     0.0052356021      3.66      5.95      0.85
   SRCPARAM L0053723     0.0052356021      3.66      5.95      0.85
   SRCPARAM L0053724     0.0052356021      3.66      5.95      0.85
   SRCPARAM L0053725     0.0052356021      3.66      5.95      0.85
   SRCPARAM L0053726     0.0052356021      3.66      5.95      0.85
   SRCPARAM L0053727     0.0052356021      3.66      5.95      0.85
   SRCPARAM L0053728     0.0052356021      3.66      5.95      0.85
   SRCPARAM L0053729     0.0052356021      3.66      5.95      0.85
   SRCPARAM L0053730     0.0052356021      3.66      5.95      0.85
   SRCPARAM L0053731     0.0052356021      3.66      5.95      0.85
   SRCPARAM L0053732     0.0052356021      3.66      5.95      0.85
   SRCPARAM L0053733     0.0052356021      3.66      5.95      0.85
   SRCPARAM L0053734     0.0052356021      3.66      5.95      0.85
   SRCPARAM L0053735     0.0052356021      3.66      5.95      0.85
   SRCPARAM L0053736     0.0052356021      3.66      5.95      0.85
   SRCPARAM L0053737     0.0052356021      3.66      5.95      0.85
   SRCPARAM L0053738     0.0052356021      3.66      5.95      0.85
   SRCPARAM L0053739     0.0052356021      3.66      5.95      0.85
   SRCPARAM L0053740     0.0052356021      3.66      5.95      0.85
   SRCPARAM L0053741     0.0052356021      3.66      5.95      0.85
   SRCPARAM L0053742     0.0052356021      3.66      5.95      0.85
   SRCPARAM L0053743     0.0052356021      3.66      5.95      0.85
   SRCPARAM L0053744     0.0052356021      3.66      5.95      0.85
   SRCPARAM L0053745     0.0052356021      3.66      5.95      0.85
   SRCPARAM L0053746     0.0052356021      3.66      5.95      0.85
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** LINE VOLUME Source ID = SR91ERAMP
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   SRCPARAM L0053748     0.0102040816      0.91      5.95      0.21
   SRCPARAM L0053749     0.0102040816      0.91      5.95      0.21
   SRCPARAM L0053750     0.0102040816      0.91      5.95      0.21
   SRCPARAM L0053751     0.0102040816      0.91      5.95      0.21
   SRCPARAM L0053752     0.0102040816      0.91      5.95      0.21
   SRCPARAM L0053753     0.0102040816      0.91      5.95      0.21
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SRCPARAM L0053754     0.0102040816      0.91      5.95      0.21
SRCPARAM L0053755     0.0102040816      0.91      5.95      0.21
SRCPARAM L0053756     0.0102040816      0.91      5.95      0.21
SRCPARAM L0053757     0.0102040816      0.91      5.95      0.21
SRCPARAM L0053758     0.0102040816      0.91      5.95      0.21
SRCPARAM L0053759     0.0102040816      0.91      5.95      0.21
SRCPARAM L0053760     0.0102040816      0.91      5.95      0.21
SRCPARAM L0053761     0.0102040816      0.91      5.95      0.21
SRCPARAM L0053762     0.0102040816      0.91      5.95      0.21
SRCPARAM L0053763     0.0102040816      0.91      5.95      0.21
SRCPARAM L0053764     0.0102040816      0.91      5.95      0.21
SRCPARAM L0053765     0.0102040816      0.91      5.95      0.21
SRCPARAM L0053766     0.0102040816      0.91      5.95      0.21
SRCPARAM L0053767     0.0102040816      0.91      5.95      0.21
SRCPARAM L0053768     0.0102040816      0.91      5.95      0.21
SRCPARAM L0053769     0.0102040816      0.91      5.95      0.21
SRCPARAM L0053770     0.0102040816      0.91      5.95      0.21
SRCPARAM L0053771     0.0102040816      0.91      5.95      0.21
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SRCPARAM L0053774     0.0102040816      0.91      5.95      0.21
SRCPARAM L0053775     0.0102040816      0.91      5.95      0.21
SRCPARAM L0053776     0.0102040816      0.91      5.95      0.21
SRCPARAM L0053777     0.0102040816      0.91      5.95      0.21
SRCPARAM L0053778     0.0102040816      0.91      5.95      0.21
SRCPARAM L0053779     0.0102040816      0.91      5.95      0.21
SRCPARAM L0053780     0.0102040816      0.91      5.95      0.21
SRCPARAM L0053781     0.0102040816      0.91      5.95      0.21
SRCPARAM L0053782     0.0102040816      0.91      5.95      0.21
SRCPARAM L0053783     0.0102040816      0.91      5.95      0.21
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SRCPARAM L0053785     0.0102040816      0.91      5.95      0.21
SRCPARAM L0053786     0.0102040816      0.91      5.95      0.21
SRCPARAM L0053787     0.0102040816      0.91      5.95      0.21
SRCPARAM L0053788     0.0102040816      0.91      5.95      0.21
SRCPARAM L0053789     0.0102040816      0.91      5.95      0.21
SRCPARAM L0053790     0.0102040816      0.91      5.95      0.21
SRCPARAM L0053791     0.0102040816      0.91      5.95      0.21
SRCPARAM L0053792     0.0102040816      0.91      5.95      0.21
SRCPARAM L0053793     0.0102040816      0.91      5.95      0.21
SRCPARAM L0053794     0.0102040816      0.91      5.95      0.21
SRCPARAM L0053795     0.0102040816      0.91      5.95      0.21
SRCPARAM L0053796     0.0102040816      0.91      5.95      0.21
SRCPARAM L0053797     0.0102040816      0.91      5.95      0.21
SRCPARAM L0053798     0.0102040816      0.91      5.95      0.21
SRCPARAM L0053799     0.0102040816      0.91      5.95      0.21
SRCPARAM L0053800     0.0102040816      0.91      5.95      0.21
SRCPARAM L0053801     0.0102040816      0.91      5.95      0.21
SRCPARAM L0053802     0.0102040816      0.91      5.95      0.21
SRCPARAM L0053803     0.0102040816      0.91      5.95      0.21
SRCPARAM L0053804     0.0102040816      0.91      5.95      0.21
SRCPARAM L0053805     0.0102040816      0.91      5.95      0.21
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   SRCPARAM L0053808     0.0102040816      0.91      5.95      0.21
   SRCPARAM L0053809     0.0102040816      0.91      5.95      0.21
   SRCPARAM L0053810     0.0102040816      0.91      5.95      0.21
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   SRCPARAM L0053812     0.0102040816      0.91      5.95      0.21
   SRCPARAM L0053813     0.0102040816      0.91      5.95      0.21
   SRCPARAM L0053814     0.0102040816      0.91      5.95      0.21
   SRCPARAM L0053815     0.0102040816      0.91      5.95      0.21
   SRCPARAM L0053816     0.0102040816      0.91      5.95      0.21
   SRCPARAM L0053817     0.0102040816      0.91      5.95      0.21
   SRCPARAM L0053818     0.0102040816      0.91      5.95      0.21
   SRCPARAM L0053819     0.0102040816      0.91      5.95      0.21
   SRCPARAM L0053820     0.0102040816      0.91      5.95      0.21
   SRCPARAM L0053821     0.0102040816      0.91      5.95      0.21
   SRCPARAM L0053822     0.0102040816      0.91      5.95      0.21
   SRCPARAM L0053823     0.0102040816      0.91      5.95      0.21
   SRCPARAM L0053824     0.0102040816      0.91      5.95      0.21
   SRCPARAM L0053825     0.0102040816      0.91      5.95      0.21
   SRCPARAM L0053826     0.0102040816      0.91      5.95      0.21
   SRCPARAM L0053827     0.0102040816      0.91      5.95      0.21
   SRCPARAM L0053828     0.0102040816      0.91      5.95      0.21
   SRCPARAM L0053829     0.0102040816      0.91      5.95      0.21
   SRCPARAM L0053830     0.0102040816      0.91      5.95      0.21
   SRCPARAM L0053831     0.0102040816      0.91      5.95      0.21
   SRCPARAM L0053832     0.0102040816      0.91      5.95      0.21
   SRCPARAM L0053833     0.0102040816      0.91      5.95      0.21
   SRCPARAM L0053834     0.0102040816      0.91      5.95      0.21
   SRCPARAM L0053835     0.0102040816      0.91      5.95      0.21
   SRCPARAM L0053836     0.0102040816      0.91      5.95      0.21
   SRCPARAM L0053837     0.0102040816      0.91      5.95      0.21
   SRCPARAM L0053838     0.0102040816      0.91      5.95      0.21
   SRCPARAM L0053839     0.0102040816      0.91      5.95      0.21
   SRCPARAM L0053840     0.0102040816      0.91      5.95      0.21
   SRCPARAM L0053841     0.0102040816      0.91      5.95      0.21
   SRCPARAM L0053842     0.0102040816      0.91      5.95      0.21
   SRCPARAM L0053843     0.0102040816      0.91      5.95      0.21
   SRCPARAM L0053844     0.0102040816      0.91      5.95      0.21
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** LINE VOLUME Source ID = SR91WRAMP
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   SRCPARAM L0053846     0.0103092784      0.91      5.95      0.21
   SRCPARAM L0053847     0.0103092784      0.91      5.95      0.21
   SRCPARAM L0053848     0.0103092784      0.91      5.95      0.21
   SRCPARAM L0053849     0.0103092784      0.91      5.95      0.21
   SRCPARAM L0053850     0.0103092784      0.91      5.95      0.21
   SRCPARAM L0053851     0.0103092784      0.91      5.95      0.21
   SRCPARAM L0053852     0.0103092784      0.91      5.95      0.21
   SRCPARAM L0053853     0.0103092784      0.91      5.95      0.21
   SRCPARAM L0053854     0.0103092784      0.91      5.95      0.21
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SRCPARAM L0053855     0.0103092784      0.91      5.95      0.21
SRCPARAM L0053856     0.0103092784      0.91      5.95      0.21
SRCPARAM L0053857     0.0103092784      0.91      5.95      0.21
SRCPARAM L0053858     0.0103092784      0.91      5.95      0.21
SRCPARAM L0053859     0.0103092784      0.91      5.95      0.21
SRCPARAM L0053860     0.0103092784      0.91      5.95      0.21
SRCPARAM L0053861     0.0103092784      0.91      5.95      0.21
SRCPARAM L0053862     0.0103092784      0.91      5.95      0.21
SRCPARAM L0053863     0.0103092784      0.91      5.95      0.21
SRCPARAM L0053864     0.0103092784      0.91      5.95      0.21
SRCPARAM L0053865     0.0103092784      0.91      5.95      0.21
SRCPARAM L0053866     0.0103092784      0.91      5.95      0.21
SRCPARAM L0053867     0.0103092784      0.91      5.95      0.21
SRCPARAM L0053868     0.0103092784      0.91      5.95      0.21
SRCPARAM L0053869     0.0103092784      0.91      5.95      0.21
SRCPARAM L0053870     0.0103092784      0.91      5.95      0.21
SRCPARAM L0053871     0.0103092784      0.91      5.95      0.21
SRCPARAM L0053872     0.0103092784      0.91      5.95      0.21
SRCPARAM L0053873     0.0103092784      0.91      5.95      0.21
SRCPARAM L0053874     0.0103092784      0.91      5.95      0.21
SRCPARAM L0053875     0.0103092784      0.91      5.95      0.21
SRCPARAM L0053876     0.0103092784      0.91      5.95      0.21
SRCPARAM L0053877     0.0103092784      0.91      5.95      0.21
SRCPARAM L0053878     0.0103092784      0.91      5.95      0.21
SRCPARAM L0053879     0.0103092784      0.91      5.95      0.21
SRCPARAM L0053880     0.0103092784      0.91      5.95      0.21
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SRCPARAM L0053883     0.0103092784      0.91      5.95      0.21
SRCPARAM L0053884     0.0103092784      0.91      5.95      0.21
SRCPARAM L0053885     0.0103092784      0.91      5.95      0.21
SRCPARAM L0053886     0.0103092784      0.91      5.95      0.21
SRCPARAM L0053887     0.0103092784      0.91      5.95      0.21
SRCPARAM L0053888     0.0103092784      0.91      5.95      0.21
SRCPARAM L0053889     0.0103092784      0.91      5.95      0.21
SRCPARAM L0053890     0.0103092784      0.91      5.95      0.21
SRCPARAM L0053891     0.0103092784      0.91      5.95      0.21
SRCPARAM L0053892     0.0103092784      0.91      5.95      0.21
SRCPARAM L0053893     0.0103092784      0.91      5.95      0.21
SRCPARAM L0053894     0.0103092784      0.91      5.95      0.21
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SRCPARAM L0053896     0.0103092784      0.91      5.95      0.21
SRCPARAM L0053897     0.0103092784      0.91      5.95      0.21
SRCPARAM L0053898     0.0103092784      0.91      5.95      0.21
SRCPARAM L0053899     0.0103092784      0.91      5.95      0.21
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SRCPARAM L0053903     0.0103092784      0.91      5.95      0.21
SRCPARAM L0053904     0.0103092784      0.91      5.95      0.21
SRCPARAM L0053905     0.0103092784      0.91      5.95      0.21
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   SRCPARAM L0053910     0.0103092784      0.91      5.95      0.21
   SRCPARAM L0053911     0.0103092784      0.91      5.95      0.21
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   SRCPARAM L0053919     0.0103092784      0.91      5.95      0.21
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   SRCPARAM L0053922     0.0103092784      0.91      5.95      0.21
   SRCPARAM L0053923     0.0103092784      0.91      5.95      0.21
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   SRCPARAM L0053926     0.0103092784      0.91      5.95      0.21
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   SRCPARAM L0053928     0.0103092784      0.91      5.95      0.21
   SRCPARAM L0053929     0.0103092784      0.91      5.95      0.21
   SRCPARAM L0053930     0.0103092784      0.91      5.95      0.21
   SRCPARAM L0053931     0.0103092784      0.91      5.95      0.21
   SRCPARAM L0053932     0.0103092784      0.91      5.95      0.21
   SRCPARAM L0053933     0.0103092784      0.91      5.95      0.21
   SRCPARAM L0053934     0.0103092784      0.91      5.95      0.21
   SRCPARAM L0053935     0.0103092784      0.91      5.95      0.21
   SRCPARAM L0053936     0.0103092784      0.91      5.95      0.21
   SRCPARAM L0053937     0.0103092784      0.91      5.95      0.21
   SRCPARAM L0053938     0.0103092784      0.91      5.95      0.21
   SRCPARAM L0053939     0.0103092784      0.91      5.95      0.21
   SRCPARAM L0053940     0.0103092784      0.91      5.95      0.21
   SRCPARAM L0053941     0.0103092784      0.91      5.95      0.21
** ------------------------------------------------------------------
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   URBANSRC ALL

** Variable Emissions Type: "By Hour-of-Day (HROFDY)"
** Variable Emission Scenario: "Scenario 1"
   EMISFACT L0052932     HROFDY 0.44 0.4 0.38 0.43 0.59 0.78
   EMISFACT L0052932     HROFDY 0.89 0.97 1.0 0.95 0.97 0.95
   EMISFACT L0052932     HROFDY 0.97 0.97 0.99 0.99 0.98 1.0
   EMISFACT L0052932     HROFDY 0.99 0.94 0.97 0.83 0.69 0.55
   EMISFACT L0052933     HROFDY 0.44 0.4 0.38 0.43 0.59 0.78
   EMISFACT L0052933     HROFDY 0.89 0.97 1.0 0.95 0.97 0.95
   EMISFACT L0052933     HROFDY 0.97 0.97 0.99 0.99 0.98 1.0
   EMISFACT L0052933     HROFDY 0.99 0.94 0.97 0.83 0.69 0.55
   EMISFACT L0052934     HROFDY 0.44 0.4 0.38 0.43 0.59 0.78
   EMISFACT L0052934     HROFDY 0.89 0.97 1.0 0.95 0.97 0.95
   EMISFACT L0052934     HROFDY 0.97 0.97 0.99 0.99 0.98 1.0
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EMISFACT L0052934     HROFDY 0.99 0.94 0.97 0.83 0.69 0.55
EMISFACT L0052935     HROFDY 0.44 0.4 0.38 0.43 0.59 0.78
EMISFACT L0052935     HROFDY 0.89 0.97 1.0 0.95 0.97 0.95
EMISFACT L0052935     HROFDY 0.97 0.97 0.99 0.99 0.98 1.0
EMISFACT L0052935     HROFDY 0.99 0.94 0.97 0.83 0.69 0.55
EMISFACT L0052936     HROFDY 0.44 0.4 0.38 0.43 0.59 0.78
EMISFACT L0052936     HROFDY 0.89 0.97 1.0 0.95 0.97 0.95
EMISFACT L0052936     HROFDY 0.97 0.97 0.99 0.99 0.98 1.0
EMISFACT L0052936     HROFDY 0.99 0.94 0.97 0.83 0.69 0.55
EMISFACT L0052937     HROFDY 0.44 0.4 0.38 0.43 0.59 0.78
EMISFACT L0052937     HROFDY 0.89 0.97 1.0 0.95 0.97 0.95
EMISFACT L0052937     HROFDY 0.97 0.97 0.99 0.99 0.98 1.0
EMISFACT L0052937     HROFDY 0.99 0.94 0.97 0.83 0.69 0.55
EMISFACT L0052938     HROFDY 0.44 0.4 0.38 0.43 0.59 0.78
EMISFACT L0052938     HROFDY 0.89 0.97 1.0 0.95 0.97 0.95
EMISFACT L0052938     HROFDY 0.97 0.97 0.99 0.99 0.98 1.0
EMISFACT L0052938     HROFDY 0.99 0.94 0.97 0.83 0.69 0.55
EMISFACT L0052939     HROFDY 0.44 0.4 0.38 0.43 0.59 0.78
EMISFACT L0052939     HROFDY 0.89 0.97 1.0 0.95 0.97 0.95
EMISFACT L0052939     HROFDY 0.97 0.97 0.99 0.99 0.98 1.0
EMISFACT L0052939     HROFDY 0.99 0.94 0.97 0.83 0.69 0.55
EMISFACT L0052940     HROFDY 0.44 0.4 0.38 0.43 0.59 0.78
EMISFACT L0052940     HROFDY 0.89 0.97 1.0 0.95 0.97 0.95
EMISFACT L0052940     HROFDY 0.97 0.97 0.99 0.99 0.98 1.0
EMISFACT L0052940     HROFDY 0.99 0.94 0.97 0.83 0.69 0.55
EMISFACT L0052941     HROFDY 0.44 0.4 0.38 0.43 0.59 0.78
EMISFACT L0052941     HROFDY 0.89 0.97 1.0 0.95 0.97 0.95
EMISFACT L0052941     HROFDY 0.97 0.97 0.99 0.99 0.98 1.0
EMISFACT L0052941     HROFDY 0.99 0.94 0.97 0.83 0.69 0.55
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EMISFACT L0053004     HROFDY 0.99 0.94 0.97 0.83 0.69 0.55
EMISFACT L0053005     HROFDY 0.44 0.4 0.38 0.43 0.59 0.78
EMISFACT L0053005     HROFDY 0.89 0.97 1.0 0.95 0.97 0.95
EMISFACT L0053005     HROFDY 0.97 0.97 0.99 0.99 0.98 1.0
EMISFACT L0053005     HROFDY 0.99 0.94 0.97 0.83 0.69 0.55
EMISFACT L0053006     HROFDY 0.44 0.4 0.38 0.43 0.59 0.78
EMISFACT L0053006     HROFDY 0.89 0.97 1.0 0.95 0.97 0.95
EMISFACT L0053006     HROFDY 0.97 0.97 0.99 0.99 0.98 1.0
EMISFACT L0053006     HROFDY 0.99 0.94 0.97 0.83 0.69 0.55
EMISFACT L0053007     HROFDY 0.44 0.4 0.38 0.43 0.59 0.78
EMISFACT L0053007     HROFDY 0.89 0.97 1.0 0.95 0.97 0.95
EMISFACT L0053007     HROFDY 0.97 0.97 0.99 0.99 0.98 1.0
EMISFACT L0053007     HROFDY 0.99 0.94 0.97 0.83 0.69 0.55
EMISFACT L0053008     HROFDY 0.44 0.4 0.38 0.43 0.59 0.78
EMISFACT L0053008     HROFDY 0.89 0.97 1.0 0.95 0.97 0.95
EMISFACT L0053008     HROFDY 0.97 0.97 0.99 0.99 0.98 1.0
EMISFACT L0053008     HROFDY 0.99 0.94 0.97 0.83 0.69 0.55
EMISFACT L0053009     HROFDY 0.44 0.4 0.38 0.43 0.59 0.78
EMISFACT L0053009     HROFDY 0.89 0.97 1.0 0.95 0.97 0.95
EMISFACT L0053009     HROFDY 0.97 0.97 0.99 0.99 0.98 1.0
EMISFACT L0053009     HROFDY 0.99 0.94 0.97 0.83 0.69 0.55
EMISFACT L0053010     HROFDY 0.44 0.4 0.38 0.43 0.59 0.78
EMISFACT L0053010     HROFDY 0.89 0.97 1.0 0.95 0.97 0.95
EMISFACT L0053010     HROFDY 0.97 0.97 0.99 0.99 0.98 1.0
EMISFACT L0053010     HROFDY 0.99 0.94 0.97 0.83 0.69 0.55
EMISFACT L0053011     HROFDY 0.44 0.4 0.38 0.43 0.59 0.78
EMISFACT L0053011     HROFDY 0.89 0.97 1.0 0.95 0.97 0.95
EMISFACT L0053011     HROFDY 0.97 0.97 0.99 0.99 0.98 1.0
EMISFACT L0053011     HROFDY 0.99 0.94 0.97 0.83 0.69 0.55
EMISFACT L0053012     HROFDY 0.44 0.4 0.38 0.43 0.59 0.78
EMISFACT L0053012     HROFDY 0.89 0.97 1.0 0.95 0.97 0.95
EMISFACT L0053012     HROFDY 0.97 0.97 0.99 0.99 0.98 1.0
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EMISFACT L0053012     HROFDY 0.99 0.94 0.97 0.83 0.69 0.55
EMISFACT L0053013     HROFDY 0.44 0.4 0.38 0.43 0.59 0.78
EMISFACT L0053013     HROFDY 0.89 0.97 1.0 0.95 0.97 0.95
EMISFACT L0053013     HROFDY 0.97 0.97 0.99 0.99 0.98 1.0
EMISFACT L0053013     HROFDY 0.99 0.94 0.97 0.83 0.69 0.55
EMISFACT L0053014     HROFDY 0.44 0.4 0.38 0.43 0.59 0.78
EMISFACT L0053014     HROFDY 0.89 0.97 1.0 0.95 0.97 0.95
EMISFACT L0053014     HROFDY 0.97 0.97 0.99 0.99 0.98 1.0
EMISFACT L0053014     HROFDY 0.99 0.94 0.97 0.83 0.69 0.55
EMISFACT L0053015     HROFDY 0.44 0.4 0.38 0.43 0.59 0.78
EMISFACT L0053015     HROFDY 0.89 0.97 1.0 0.95 0.97 0.95
EMISFACT L0053015     HROFDY 0.97 0.97 0.99 0.99 0.98 1.0
EMISFACT L0053015     HROFDY 0.99 0.94 0.97 0.83 0.69 0.55
EMISFACT L0053016     HROFDY 0.44 0.4 0.38 0.43 0.59 0.78
EMISFACT L0053016     HROFDY 0.89 0.97 1.0 0.95 0.97 0.95
EMISFACT L0053016     HROFDY 0.97 0.97 0.99 0.99 0.98 1.0
EMISFACT L0053016     HROFDY 0.99 0.94 0.97 0.83 0.69 0.55
EMISFACT L0053017     HROFDY 0.44 0.4 0.38 0.43 0.59 0.78
EMISFACT L0053017     HROFDY 0.89 0.97 1.0 0.95 0.97 0.95
EMISFACT L0053017     HROFDY 0.97 0.97 0.99 0.99 0.98 1.0
EMISFACT L0053017     HROFDY 0.99 0.94 0.97 0.83 0.69 0.55
EMISFACT L0053018     HROFDY 0.44 0.4 0.38 0.43 0.59 0.78
EMISFACT L0053018     HROFDY 0.89 0.97 1.0 0.95 0.97 0.95
EMISFACT L0053018     HROFDY 0.97 0.97 0.99 0.99 0.98 1.0
EMISFACT L0053018     HROFDY 0.99 0.94 0.97 0.83 0.69 0.55
EMISFACT L0053019     HROFDY 0.44 0.4 0.38 0.43 0.59 0.78
EMISFACT L0053019     HROFDY 0.89 0.97 1.0 0.95 0.97 0.95
EMISFACT L0053019     HROFDY 0.97 0.97 0.99 0.99 0.98 1.0
EMISFACT L0053019     HROFDY 0.99 0.94 0.97 0.83 0.69 0.55
EMISFACT L0053020     HROFDY 0.44 0.4 0.38 0.43 0.59 0.78
EMISFACT L0053020     HROFDY 0.89 0.97 1.0 0.95 0.97 0.95
EMISFACT L0053020     HROFDY 0.97 0.97 0.99 0.99 0.98 1.0
EMISFACT L0053020     HROFDY 0.99 0.94 0.97 0.83 0.69 0.55
EMISFACT L0053021     HROFDY 0.44 0.4 0.38 0.43 0.59 0.78
EMISFACT L0053021     HROFDY 0.89 0.97 1.0 0.95 0.97 0.95
EMISFACT L0053021     HROFDY 0.97 0.97 0.99 0.99 0.98 1.0
EMISFACT L0053021     HROFDY 0.99 0.94 0.97 0.83 0.69 0.55
EMISFACT L0053022     HROFDY 0.44 0.4 0.38 0.43 0.59 0.78
EMISFACT L0053022     HROFDY 0.89 0.97 1.0 0.95 0.97 0.95
EMISFACT L0053022     HROFDY 0.97 0.97 0.99 0.99 0.98 1.0
EMISFACT L0053022     HROFDY 0.99 0.94 0.97 0.83 0.69 0.55
EMISFACT L0053023     HROFDY 0.44 0.4 0.38 0.43 0.59 0.78
EMISFACT L0053023     HROFDY 0.89 0.97 1.0 0.95 0.97 0.95
EMISFACT L0053023     HROFDY 0.97 0.97 0.99 0.99 0.98 1.0
EMISFACT L0053023     HROFDY 0.99 0.94 0.97 0.83 0.69 0.55
EMISFACT L0053024     HROFDY 0.44 0.4 0.38 0.43 0.59 0.78
EMISFACT L0053024     HROFDY 0.89 0.97 1.0 0.95 0.97 0.95
EMISFACT L0053024     HROFDY 0.97 0.97 0.99 0.99 0.98 1.0
EMISFACT L0053024     HROFDY 0.99 0.94 0.97 0.83 0.69 0.55
EMISFACT L0053025     HROFDY 0.44 0.4 0.38 0.43 0.59 0.78
EMISFACT L0053025     HROFDY 0.89 0.97 1.0 0.95 0.97 0.95
EMISFACT L0053025     HROFDY 0.97 0.97 0.99 0.99 0.98 1.0
```

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EMISFACT L0053025     HROFDY 0.99 0.94 0.97 0.83 0.69 0.55
EMISFACT L0053026     HROFDY 0.44 0.4 0.38 0.43 0.59 0.78
EMISFACT L0053026     HROFDY 0.89 0.97 1.0 0.95 0.97 0.95
EMISFACT L0053026     HROFDY 0.97 0.97 0.99 0.99 0.98 1.0
EMISFACT L0053026     HROFDY 0.99 0.94 0.97 0.83 0.69 0.55
EMISFACT L0053027     HROFDY 0.44 0.4 0.38 0.43 0.59 0.78
EMISFACT L0053027     HROFDY 0.89 0.97 1.0 0.95 0.97 0.95
EMISFACT L0053027     HROFDY 0.97 0.97 0.99 0.99 0.98 1.0
EMISFACT L0053027     HROFDY 0.99 0.94 0.97 0.83 0.69 0.55
EMISFACT L0053028     HROFDY 0.44 0.4 0.38 0.43 0.59 0.78
EMISFACT L0053028     HROFDY 0.89 0.97 1.0 0.95 0.97 0.95
EMISFACT L0053028     HROFDY 0.97 0.97 0.99 0.99 0.98 1.0
EMISFACT L0053028     HROFDY 0.99 0.94 0.97 0.83 0.69 0.55
EMISFACT L0053029     HROFDY 0.44 0.4 0.38 0.43 0.59 0.78
EMISFACT L0053029     HROFDY 0.89 0.97 1.0 0.95 0.97 0.95
EMISFACT L0053029     HROFDY 0.97 0.97 0.99 0.99 0.98 1.0
EMISFACT L0053029     HROFDY 0.99 0.94 0.97 0.83 0.69 0.55
EMISFACT L0053030     HROFDY 0.44 0.4 0.38 0.43 0.59 0.78
EMISFACT L0053030     HROFDY 0.89 0.97 1.0 0.95 0.97 0.95
EMISFACT L0053030     HROFDY 0.97 0.97 0.99 0.99 0.98 1.0
EMISFACT L0053030     HROFDY 0.99 0.94 0.97 0.83 0.69 0.55
EMISFACT L0053031     HROFDY 0.44 0.4 0.38 0.43 0.59 0.78
EMISFACT L0053031     HROFDY 0.89 0.97 1.0 0.95 0.97 0.95
EMISFACT L0053031     HROFDY 0.97 0.97 0.99 0.99 0.98 1.0
EMISFACT L0053031     HROFDY 0.99 0.94 0.97 0.83 0.69 0.55
EMISFACT L0053032     HROFDY 0.44 0.4 0.38 0.43 0.59 0.78
EMISFACT L0053032     HROFDY 0.89 0.97 1.0 0.95 0.97 0.95
EMISFACT L0053032     HROFDY 0.97 0.97 0.99 0.99 0.98 1.0
EMISFACT L0053032     HROFDY 0.99 0.94 0.97 0.83 0.69 0.55
EMISFACT L0053033     HROFDY 0.44 0.4 0.38 0.43 0.59 0.78
EMISFACT L0053033     HROFDY 0.89 0.97 1.0 0.95 0.97 0.95
EMISFACT L0053033     HROFDY 0.97 0.97 0.99 0.99 0.98 1.0
EMISFACT L0053033     HROFDY 0.99 0.94 0.97 0.83 0.69 0.55
EMISFACT L0053034     HROFDY 0.44 0.4 0.38 0.43 0.59 0.78
EMISFACT L0053034     HROFDY 0.89 0.97 1.0 0.95 0.97 0.95
EMISFACT L0053034     HROFDY 0.97 0.97 0.99 0.99 0.98 1.0
EMISFACT L0053034     HROFDY 0.99 0.94 0.97 0.83 0.69 0.55
EMISFACT L0053035     HROFDY 0.44 0.4 0.38 0.43 0.59 0.78
EMISFACT L0053035     HROFDY 0.89 0.97 1.0 0.95 0.97 0.95
EMISFACT L0053035     HROFDY 0.97 0.97 0.99 0.99 0.98 1.0
EMISFACT L0053035     HROFDY 0.99 0.94 0.97 0.83 0.69 0.55
EMISFACT L0053036     HROFDY 0.44 0.4 0.38 0.43 0.59 0.78
EMISFACT L0053036     HROFDY 0.89 0.97 1.0 0.95 0.97 0.95
EMISFACT L0053036     HROFDY 0.97 0.97 0.99 0.99 0.98 1.0
EMISFACT L0053036     HROFDY 0.99 0.94 0.97 0.83 0.69 0.55
EMISFACT L0053037     HROFDY 0.44 0.4 0.38 0.43 0.59 0.78
EMISFACT L0053037     HROFDY 0.89 0.97 1.0 0.95 0.97 0.95
EMISFACT L0053037     HROFDY 0.97 0.97 0.99 0.99 0.98 1.0
EMISFACT L0053037     HROFDY 0.99 0.94 0.97 0.83 0.69 0.55
EMISFACT L0053038     HROFDY 0.44 0.4 0.38 0.43 0.59 0.78
EMISFACT L0053038     HROFDY 0.89 0.97 1.0 0.95 0.97 0.95
EMISFACT L0053038     HROFDY 0.97 0.97 0.99 0.99 0.98 1.0
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EMISFACT L0053038     HROFDY 0.99 0.94 0.97 0.83 0.69 0.55
EMISFACT L0053039     HROFDY 0.44 0.4 0.38 0.43 0.59 0.78
EMISFACT L0053039     HROFDY 0.89 0.97 1.0 0.95 0.97 0.95
EMISFACT L0053039     HROFDY 0.97 0.97 0.99 0.99 0.98 1.0
EMISFACT L0053039     HROFDY 0.99 0.94 0.97 0.83 0.69 0.55
EMISFACT L0053040     HROFDY 0.44 0.4 0.38 0.43 0.59 0.78
EMISFACT L0053040     HROFDY 0.89 0.97 1.0 0.95 0.97 0.95
EMISFACT L0053040     HROFDY 0.97 0.97 0.99 0.99 0.98 1.0
EMISFACT L0053040     HROFDY 0.99 0.94 0.97 0.83 0.69 0.55
EMISFACT L0053041     HROFDY 0.44 0.4 0.38 0.43 0.59 0.78
EMISFACT L0053041     HROFDY 0.89 0.97 1.0 0.95 0.97 0.95
EMISFACT L0053041     HROFDY 0.97 0.97 0.99 0.99 0.98 1.0
EMISFACT L0053041     HROFDY 0.99 0.94 0.97 0.83 0.69 0.55
EMISFACT L0053042     HROFDY 0.44 0.4 0.38 0.43 0.59 0.78
EMISFACT L0053042     HROFDY 0.89 0.97 1.0 0.95 0.97 0.95
EMISFACT L0053042     HROFDY 0.97 0.97 0.99 0.99 0.98 1.0
EMISFACT L0053042     HROFDY 0.99 0.94 0.97 0.83 0.69 0.55
EMISFACT L0053043     HROFDY 0.44 0.4 0.38 0.43 0.59 0.78
EMISFACT L0053043     HROFDY 0.89 0.97 1.0 0.95 0.97 0.95
EMISFACT L0053043     HROFDY 0.97 0.97 0.99 0.99 0.98 1.0
EMISFACT L0053043     HROFDY 0.99 0.94 0.97 0.83 0.69 0.55
EMISFACT L0053044     HROFDY 0.44 0.4 0.38 0.43 0.59 0.78
EMISFACT L0053044     HROFDY 0.89 0.97 1.0 0.95 0.97 0.95
EMISFACT L0053044     HROFDY 0.97 0.97 0.99 0.99 0.98 1.0
EMISFACT L0053044     HROFDY 0.99 0.94 0.97 0.83 0.69 0.55
EMISFACT L0053045     HROFDY 0.44 0.4 0.38 0.43 0.59 0.78
EMISFACT L0053045     HROFDY 0.89 0.97 1.0 0.95 0.97 0.95
EMISFACT L0053045     HROFDY 0.97 0.97 0.99 0.99 0.98 1.0
EMISFACT L0053045     HROFDY 0.99 0.94 0.97 0.83 0.69 0.55
EMISFACT L0053046     HROFDY 0.44 0.4 0.38 0.43 0.59 0.78
EMISFACT L0053046     HROFDY 0.89 0.97 1.0 0.95 0.97 0.95
EMISFACT L0053046     HROFDY 0.97 0.97 0.99 0.99 0.98 1.0
EMISFACT L0053046     HROFDY 0.99 0.94 0.97 0.83 0.69 0.55
EMISFACT L0053047     HROFDY 0.44 0.4 0.38 0.43 0.59 0.78
EMISFACT L0053047     HROFDY 0.89 0.97 1.0 0.95 0.97 0.95
EMISFACT L0053047     HROFDY 0.97 0.97 0.99 0.99 0.98 1.0
EMISFACT L0053047     HROFDY 0.99 0.94 0.97 0.83 0.69 0.55
EMISFACT L0053048     HROFDY 0.44 0.4 0.38 0.43 0.59 0.78
EMISFACT L0053048     HROFDY 0.89 0.97 1.0 0.95 0.97 0.95
EMISFACT L0053048     HROFDY 0.97 0.97 0.99 0.99 0.98 1.0
EMISFACT L0053048     HROFDY 0.99 0.94 0.97 0.83 0.69 0.55
EMISFACT L0053049     HROFDY 0.44 0.4 0.38 0.43 0.59 0.78
EMISFACT L0053049     HROFDY 0.89 0.97 1.0 0.95 0.97 0.95
EMISFACT L0053049     HROFDY 0.97 0.97 0.99 0.99 0.98 1.0
EMISFACT L0053049     HROFDY 0.99 0.94 0.97 0.83 0.69 0.55
EMISFACT L0053050     HROFDY 0.44 0.4 0.38 0.43 0.59 0.78
EMISFACT L0053050     HROFDY 0.89 0.97 1.0 0.95 0.97 0.95
EMISFACT L0053050     HROFDY 0.97 0.97 0.99 0.99 0.98 1.0
EMISFACT L0053050     HROFDY 0.99 0.94 0.97 0.83 0.69 0.55
EMISFACT L0053051     HROFDY 0.44 0.4 0.38 0.43 0.59 0.78
EMISFACT L0053051     HROFDY 0.89 0.97 1.0 0.95 0.97 0.95
EMISFACT L0053051     HROFDY 0.97 0.97 0.99 0.99 0.98 1.0
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   EMISFACT L0053051     HROFDY 0.99 0.94 0.97 0.83 0.69 0.55
   EMISFACT L0053052     HROFDY 0.44 0.4 0.38 0.43 0.59 0.78
   EMISFACT L0053052     HROFDY 0.89 0.97 1.0 0.95 0.97 0.95
   EMISFACT L0053052     HROFDY 0.97 0.97 0.99 0.99 0.98 1.0
   EMISFACT L0053052     HROFDY 0.99 0.94 0.97 0.83 0.69 0.55

** Variable Emissions Type: "By Hour-of-Day (HROFDY)"
** Variable Emission Scenario: "Scenario 2"
   EMISFACT L0052742     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
   EMISFACT L0052742     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
   EMISFACT L0052742     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
   EMISFACT L0052742     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
   EMISFACT L0052743     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
   EMISFACT L0052743     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
   EMISFACT L0052743     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
   EMISFACT L0052743     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
   EMISFACT L0052744     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
   EMISFACT L0052744     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
   EMISFACT L0052744     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
   EMISFACT L0052744     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
   EMISFACT L0052745     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
   EMISFACT L0052745     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
   EMISFACT L0052745     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
   EMISFACT L0052745     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
   EMISFACT L0052746     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
   EMISFACT L0052746     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
   EMISFACT L0052746     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
   EMISFACT L0052746     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
   EMISFACT L0052747     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
   EMISFACT L0052747     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
   EMISFACT L0052747     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
   EMISFACT L0052747     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
   EMISFACT L0052748     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
   EMISFACT L0052748     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
   EMISFACT L0052748     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
   EMISFACT L0052748     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
   EMISFACT L0052749     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
   EMISFACT L0052749     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
   EMISFACT L0052749     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
   EMISFACT L0052749     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
   EMISFACT L0052750     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
   EMISFACT L0052750     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
   EMISFACT L0052750     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
   EMISFACT L0052750     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
   EMISFACT L0052751     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
   EMISFACT L0052751     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
   EMISFACT L0052751     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
   EMISFACT L0052751     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
   EMISFACT L0052752     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
   EMISFACT L0052752     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
   EMISFACT L0052752     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
   EMISFACT L0052752     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
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EMISFACT L0052753     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
EMISFACT L0052753     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
EMISFACT L0052753     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
EMISFACT L0052753     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
EMISFACT L0052754     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
EMISFACT L0052754     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
EMISFACT L0052754     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
EMISFACT L0052754     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
EMISFACT L0052755     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
EMISFACT L0052755     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
EMISFACT L0052755     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
EMISFACT L0052755     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
EMISFACT L0052756     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
EMISFACT L0052756     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
EMISFACT L0052756     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
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EMISFACT L0052883     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
EMISFACT L0052883     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
EMISFACT L0052883     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
EMISFACT L0052884     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
EMISFACT L0052884     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
EMISFACT L0052884     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
EMISFACT L0052884     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
EMISFACT L0052885     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
EMISFACT L0052885     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
EMISFACT L0052885     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
EMISFACT L0052885     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
EMISFACT L0052886     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
EMISFACT L0052886     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
EMISFACT L0052886     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
EMISFACT L0052886     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
EMISFACT L0052887     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
EMISFACT L0052887     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
EMISFACT L0052887     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
EMISFACT L0052887     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
EMISFACT L0052888     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
EMISFACT L0052888     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
EMISFACT L0052888     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
EMISFACT L0052888     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
EMISFACT L0052889     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
EMISFACT L0052889     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
EMISFACT L0052889     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
EMISFACT L0052889     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
EMISFACT L0052890     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
EMISFACT L0052890     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
EMISFACT L0052890     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
EMISFACT L0052890     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
EMISFACT L0052891     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
EMISFACT L0052891     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
EMISFACT L0052891     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
EMISFACT L0052891     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
EMISFACT L0052892     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
EMISFACT L0052892     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
EMISFACT L0052892     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
EMISFACT L0052892     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
EMISFACT L0052893     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
EMISFACT L0052893     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
EMISFACT L0052893     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
EMISFACT L0052893     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
EMISFACT L0052894     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
EMISFACT L0052894     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
EMISFACT L0052894     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
EMISFACT L0052894     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
EMISFACT L0052895     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
EMISFACT L0052895     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
EMISFACT L0052895     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
EMISFACT L0052895     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
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EMISFACT L0052896     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
EMISFACT L0052896     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
EMISFACT L0052896     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
EMISFACT L0052896     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
EMISFACT L0052897     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
EMISFACT L0052897     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
EMISFACT L0052897     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
EMISFACT L0052897     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
EMISFACT L0052898     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
EMISFACT L0052898     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
EMISFACT L0052898     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
EMISFACT L0052898     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
EMISFACT L0052899     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
EMISFACT L0052899     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
EMISFACT L0052899     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
EMISFACT L0052899     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
EMISFACT L0052900     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
EMISFACT L0052900     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
EMISFACT L0052900     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
EMISFACT L0052900     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
EMISFACT L0052901     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
EMISFACT L0052901     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
EMISFACT L0052901     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
EMISFACT L0052901     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
EMISFACT L0052902     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
EMISFACT L0052902     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
EMISFACT L0052902     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
EMISFACT L0052902     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
EMISFACT L0052903     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
EMISFACT L0052903     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
EMISFACT L0052903     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
EMISFACT L0052903     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
EMISFACT L0052904     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
EMISFACT L0052904     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
EMISFACT L0052904     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
EMISFACT L0052904     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
EMISFACT L0052905     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
EMISFACT L0052905     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
EMISFACT L0052905     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
EMISFACT L0052905     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
EMISFACT L0052906     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
EMISFACT L0052906     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
EMISFACT L0052906     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
EMISFACT L0052906     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
EMISFACT L0052907     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
EMISFACT L0052907     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
EMISFACT L0052907     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
EMISFACT L0052907     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
EMISFACT L0052908     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
EMISFACT L0052908     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
EMISFACT L0052908     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
EMISFACT L0052908     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
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EMISFACT L0052909     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
EMISFACT L0052909     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
EMISFACT L0052909     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
EMISFACT L0052909     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
EMISFACT L0052910     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
EMISFACT L0052910     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
EMISFACT L0052910     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
EMISFACT L0052910     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
EMISFACT L0052911     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
EMISFACT L0052911     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
EMISFACT L0052911     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
EMISFACT L0052911     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
EMISFACT L0052912     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
EMISFACT L0052912     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
EMISFACT L0052912     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
EMISFACT L0052912     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
EMISFACT L0052913     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
EMISFACT L0052913     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
EMISFACT L0052913     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
EMISFACT L0052913     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
EMISFACT L0052914     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
EMISFACT L0052914     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
EMISFACT L0052914     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
EMISFACT L0052914     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
EMISFACT L0052915     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
EMISFACT L0052915     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
EMISFACT L0052915     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
EMISFACT L0052915     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
EMISFACT L0052916     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
EMISFACT L0052916     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
EMISFACT L0052916     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
EMISFACT L0052916     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
EMISFACT L0052917     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
EMISFACT L0052917     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
EMISFACT L0052917     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
EMISFACT L0052917     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
EMISFACT L0052918     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
EMISFACT L0052918     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
EMISFACT L0052918     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
EMISFACT L0052918     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
EMISFACT L0052919     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
EMISFACT L0052919     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
EMISFACT L0052919     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
EMISFACT L0052919     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
EMISFACT L0052920     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
EMISFACT L0052920     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
EMISFACT L0052920     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
EMISFACT L0052920     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
EMISFACT L0052921     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
EMISFACT L0052921     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
EMISFACT L0052921     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
EMISFACT L0052921     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
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   EMISFACT L0052922     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
   EMISFACT L0052922     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
   EMISFACT L0052922     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
   EMISFACT L0052922     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
   EMISFACT L0052923     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
   EMISFACT L0052923     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
   EMISFACT L0052923     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
   EMISFACT L0052923     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
   EMISFACT L0052924     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
   EMISFACT L0052924     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
   EMISFACT L0052924     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
   EMISFACT L0052924     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
   EMISFACT L0052925     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
   EMISFACT L0052925     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
   EMISFACT L0052925     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
   EMISFACT L0052925     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
   EMISFACT L0052926     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
   EMISFACT L0052926     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
   EMISFACT L0052926     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
   EMISFACT L0052926     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
   EMISFACT L0052927     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
   EMISFACT L0052927     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
   EMISFACT L0052927     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
   EMISFACT L0052927     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
   EMISFACT L0052928     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
   EMISFACT L0052928     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
   EMISFACT L0052928     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
   EMISFACT L0052928     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
   EMISFACT L0052929     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
   EMISFACT L0052929     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
   EMISFACT L0052929     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
   EMISFACT L0052929     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
   EMISFACT L0052930     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
   EMISFACT L0052930     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
   EMISFACT L0052930     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
   EMISFACT L0052930     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53
   EMISFACT L0052931     HROFDY 0.64 0.68 0.67 0.69 0.78 0.67
   EMISFACT L0052931     HROFDY 0.59 0.72 1.0 0.92 0.94 0.82
   EMISFACT L0052931     HROFDY 0.71 0.62 0.53 0.47 0.43 0.46
   EMISFACT L0052931     HROFDY 0.52 0.57 0.72 0.57 0.48 0.53

** Variable Emissions Type: "By Hour-of-Day (HROFDY)"
** Variable Emission Scenario: "Scenario 3"
   EMISFACT L0053053     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
   EMISFACT L0053053     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
   EMISFACT L0053053     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
   EMISFACT L0053053     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
   EMISFACT L0053054     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
   EMISFACT L0053054     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
   EMISFACT L0053054     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
   EMISFACT L0053054     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
   EMISFACT L0053055     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
```

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EMISFACT L0053055     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
EMISFACT L0053055     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
EMISFACT L0053055     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
EMISFACT L0053056     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
EMISFACT L0053056     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
EMISFACT L0053056     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
EMISFACT L0053056     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
EMISFACT L0053057     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
EMISFACT L0053057     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
EMISFACT L0053057     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
EMISFACT L0053057     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
EMISFACT L0053058     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
EMISFACT L0053058     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
EMISFACT L0053058     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
EMISFACT L0053058     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
EMISFACT L0053059     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
EMISFACT L0053059     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
EMISFACT L0053059     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
EMISFACT L0053059     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
EMISFACT L0053060     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
EMISFACT L0053060     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
EMISFACT L0053060     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
EMISFACT L0053060     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
EMISFACT L0053061     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
EMISFACT L0053061     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
EMISFACT L0053061     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
EMISFACT L0053061     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
EMISFACT L0053062     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
EMISFACT L0053062     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
EMISFACT L0053062     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
EMISFACT L0053062     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
EMISFACT L0053063     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
EMISFACT L0053063     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
EMISFACT L0053063     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
EMISFACT L0053063     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
EMISFACT L0053064     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
EMISFACT L0053064     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
EMISFACT L0053064     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
EMISFACT L0053064     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
EMISFACT L0053065     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
EMISFACT L0053065     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
EMISFACT L0053065     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
EMISFACT L0053065     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
EMISFACT L0053066     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
EMISFACT L0053066     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
EMISFACT L0053066     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
EMISFACT L0053066     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
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EMISFACT L0053067     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
EMISFACT L0053067     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
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EMISFACT L0053068     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
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EMISFACT L0053070     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
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EMISFACT L0053135     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
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EMISFACT L0053193     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
EMISFACT L0053193     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
EMISFACT L0053193     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
EMISFACT L0053193     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
EMISFACT L0053194     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
EMISFACT L0053194     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
EMISFACT L0053194     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
EMISFACT L0053194     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
EMISFACT L0053195     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
EMISFACT L0053195     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
EMISFACT L0053195     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
EMISFACT L0053195     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
EMISFACT L0053196     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
EMISFACT L0053196     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
EMISFACT L0053196     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
EMISFACT L0053196     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
EMISFACT L0053197     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
EMISFACT L0053197     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
EMISFACT L0053197     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
EMISFACT L0053197     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
EMISFACT L0053198     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
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EMISFACT L0053198     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
EMISFACT L0053198     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
EMISFACT L0053198     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
EMISFACT L0053199     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
EMISFACT L0053199     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
EMISFACT L0053199     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
EMISFACT L0053199     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
EMISFACT L0053200     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
EMISFACT L0053200     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
EMISFACT L0053200     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
EMISFACT L0053200     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
EMISFACT L0053201     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
EMISFACT L0053201     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
EMISFACT L0053201     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
EMISFACT L0053201     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
EMISFACT L0053202     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
EMISFACT L0053202     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
EMISFACT L0053202     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
EMISFACT L0053202     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
EMISFACT L0053203     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
EMISFACT L0053203     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
EMISFACT L0053203     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
EMISFACT L0053203     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
EMISFACT L0053204     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
EMISFACT L0053204     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
EMISFACT L0053204     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
EMISFACT L0053204     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
EMISFACT L0053205     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
EMISFACT L0053205     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
EMISFACT L0053205     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
EMISFACT L0053205     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
EMISFACT L0053206     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
EMISFACT L0053206     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
EMISFACT L0053206     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
EMISFACT L0053206     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
EMISFACT L0053207     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
EMISFACT L0053207     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
EMISFACT L0053207     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
EMISFACT L0053207     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
EMISFACT L0053208     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
EMISFACT L0053208     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
EMISFACT L0053208     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
EMISFACT L0053208     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
EMISFACT L0053209     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
EMISFACT L0053209     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
EMISFACT L0053209     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
EMISFACT L0053209     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
EMISFACT L0053210     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
EMISFACT L0053210     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
EMISFACT L0053210     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
EMISFACT L0053210     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
EMISFACT L0053211     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
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EMISFACT L0053211     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
EMISFACT L0053211     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
EMISFACT L0053211     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
EMISFACT L0053212     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
EMISFACT L0053212     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
EMISFACT L0053212     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
EMISFACT L0053212     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
EMISFACT L0053213     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
EMISFACT L0053213     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
EMISFACT L0053213     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
EMISFACT L0053213     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
EMISFACT L0053214     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
EMISFACT L0053214     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
EMISFACT L0053214     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
EMISFACT L0053214     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
EMISFACT L0053215     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
EMISFACT L0053215     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
EMISFACT L0053215     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
EMISFACT L0053215     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
EMISFACT L0053216     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
EMISFACT L0053216     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
EMISFACT L0053216     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
EMISFACT L0053216     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
EMISFACT L0053217     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
EMISFACT L0053217     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
EMISFACT L0053217     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
EMISFACT L0053217     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
EMISFACT L0053218     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
EMISFACT L0053218     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
EMISFACT L0053218     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
EMISFACT L0053218     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
EMISFACT L0053219     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
EMISFACT L0053219     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
EMISFACT L0053219     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
EMISFACT L0053219     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
EMISFACT L0053220     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
EMISFACT L0053220     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
EMISFACT L0053220     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
EMISFACT L0053220     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
EMISFACT L0053221     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
EMISFACT L0053221     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
EMISFACT L0053221     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
EMISFACT L0053221     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
EMISFACT L0053222     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
EMISFACT L0053222     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
EMISFACT L0053222     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
EMISFACT L0053222     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
EMISFACT L0053223     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
EMISFACT L0053223     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
EMISFACT L0053223     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
EMISFACT L0053223     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
EMISFACT L0053224     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
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EMISFACT L0053224     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
EMISFACT L0053224     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
EMISFACT L0053224     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
EMISFACT L0053225     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
EMISFACT L0053225     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
EMISFACT L0053225     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
EMISFACT L0053225     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
EMISFACT L0053226     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
EMISFACT L0053226     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
EMISFACT L0053226     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
EMISFACT L0053226     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
EMISFACT L0053227     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
EMISFACT L0053227     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
EMISFACT L0053227     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
EMISFACT L0053227     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
EMISFACT L0053228     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
EMISFACT L0053228     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
EMISFACT L0053228     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
EMISFACT L0053228     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
EMISFACT L0053229     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
EMISFACT L0053229     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
EMISFACT L0053229     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
EMISFACT L0053229     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
EMISFACT L0053230     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
EMISFACT L0053230     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
EMISFACT L0053230     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
EMISFACT L0053230     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
EMISFACT L0053231     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
EMISFACT L0053231     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
EMISFACT L0053231     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
EMISFACT L0053231     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
EMISFACT L0053232     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
EMISFACT L0053232     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
EMISFACT L0053232     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
EMISFACT L0053232     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
EMISFACT L0053233     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
EMISFACT L0053233     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
EMISFACT L0053233     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
EMISFACT L0053233     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
EMISFACT L0053234     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
EMISFACT L0053234     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
EMISFACT L0053234     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
EMISFACT L0053234     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
EMISFACT L0053235     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
EMISFACT L0053235     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
EMISFACT L0053235     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
EMISFACT L0053235     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
EMISFACT L0053236     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
EMISFACT L0053236     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
EMISFACT L0053236     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
EMISFACT L0053236     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
EMISFACT L0053237     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
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   EMISFACT L0053237     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
   EMISFACT L0053237     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
   EMISFACT L0053237     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
   EMISFACT L0053238     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
   EMISFACT L0053238     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
   EMISFACT L0053238     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
   EMISFACT L0053238     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
   EMISFACT L0053239     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
   EMISFACT L0053239     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
   EMISFACT L0053239     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
   EMISFACT L0053239     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
   EMISFACT L0053240     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
   EMISFACT L0053240     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
   EMISFACT L0053240     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
   EMISFACT L0053240     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
   EMISFACT L0053241     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
   EMISFACT L0053241     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
   EMISFACT L0053241     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
   EMISFACT L0053241     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17
   EMISFACT L0053242     HROFDY 0.12 0.1 0.1 0.13 0.23 0.36
   EMISFACT L0053242     HROFDY 0.44 0.5 0.52 0.55 0.62 0.69
   EMISFACT L0053242     HROFDY 0.79 0.96 1.0 0.93 0.93 0.88
   EMISFACT L0053242     HROFDY 0.8 0.68 0.53 0.42 0.28 0.17

** Variable Emissions Type: "By Hour-of-Day (HROFDY)"
** Variable Emission Scenario: "Scenario 4"
   EMISFACT L0053747     HROFDY 0.12 0.09 0.08 0.13 0.24 0.5
   EMISFACT L0053747     HROFDY 0.76 0.84 0.82 0.85 0.93 0.95
   EMISFACT L0053747     HROFDY 1.0 1.0 0.96 0.87 0.92 0.85
   EMISFACT L0053747     HROFDY 0.66 0.54 0.44 0.36 0.28 0.2
   EMISFACT L0053748     HROFDY 0.12 0.09 0.08 0.13 0.24 0.5
   EMISFACT L0053748     HROFDY 0.76 0.84 0.82 0.85 0.93 0.95
   EMISFACT L0053748     HROFDY 1.0 1.0 0.96 0.87 0.92 0.85
   EMISFACT L0053748     HROFDY 0.66 0.54 0.44 0.36 0.28 0.2
   EMISFACT L0053749     HROFDY 0.12 0.09 0.08 0.13 0.24 0.5
   EMISFACT L0053749     HROFDY 0.76 0.84 0.82 0.85 0.93 0.95
   EMISFACT L0053749     HROFDY 1.0 1.0 0.96 0.87 0.92 0.85
   EMISFACT L0053749     HROFDY 0.66 0.54 0.44 0.36 0.28 0.2
   EMISFACT L0053750     HROFDY 0.12 0.09 0.08 0.13 0.24 0.5
   EMISFACT L0053750     HROFDY 0.76 0.84 0.82 0.85 0.93 0.95
   EMISFACT L0053750     HROFDY 1.0 1.0 0.96 0.87 0.92 0.85
   EMISFACT L0053750     HROFDY 0.66 0.54 0.44 0.36 0.28 0.2
   EMISFACT L0053751     HROFDY 0.12 0.09 0.08 0.13 0.24 0.5
   EMISFACT L0053751     HROFDY 0.76 0.84 0.82 0.85 0.93 0.95
   EMISFACT L0053751     HROFDY 1.0 1.0 0.96 0.87 0.92 0.85
   EMISFACT L0053751     HROFDY 0.66 0.54 0.44 0.36 0.28 0.2
   EMISFACT L0053752     HROFDY 0.12 0.09 0.08 0.13 0.24 0.5
   EMISFACT L0053752     HROFDY 0.76 0.84 0.82 0.85 0.93 0.95
   EMISFACT L0053752     HROFDY 1.0 1.0 0.96 0.87 0.92 0.85
   EMISFACT L0053752     HROFDY 0.66 0.54 0.44 0.36 0.28 0.2
   EMISFACT L0053753     HROFDY 0.12 0.09 0.08 0.13 0.24 0.5
   EMISFACT L0053753     HROFDY 0.76 0.84 0.82 0.85 0.93 0.95
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EMISFACT L0053753     HROFDY 1.0 1.0 0.96 0.87 0.92 0.85
EMISFACT L0053753     HROFDY 0.66 0.54 0.44 0.36 0.28 0.2
EMISFACT L0053754     HROFDY 0.12 0.09 0.08 0.13 0.24 0.5
EMISFACT L0053754     HROFDY 0.76 0.84 0.82 0.85 0.93 0.95
EMISFACT L0053754     HROFDY 1.0 1.0 0.96 0.87 0.92 0.85
EMISFACT L0053754     HROFDY 0.66 0.54 0.44 0.36 0.28 0.2
EMISFACT L0053755     HROFDY 0.12 0.09 0.08 0.13 0.24 0.5
EMISFACT L0053755     HROFDY 0.76 0.84 0.82 0.85 0.93 0.95
EMISFACT L0053755     HROFDY 1.0 1.0 0.96 0.87 0.92 0.85
EMISFACT L0053755     HROFDY 0.66 0.54 0.44 0.36 0.28 0.2
EMISFACT L0053756     HROFDY 0.12 0.09 0.08 0.13 0.24 0.5
EMISFACT L0053756     HROFDY 0.76 0.84 0.82 0.85 0.93 0.95
EMISFACT L0053756     HROFDY 1.0 1.0 0.96 0.87 0.92 0.85
EMISFACT L0053756     HROFDY 0.66 0.54 0.44 0.36 0.28 0.2
EMISFACT L0053757     HROFDY 0.12 0.09 0.08 0.13 0.24 0.5
EMISFACT L0053757     HROFDY 0.76 0.84 0.82 0.85 0.93 0.95
EMISFACT L0053757     HROFDY 1.0 1.0 0.96 0.87 0.92 0.85
EMISFACT L0053757     HROFDY 0.66 0.54 0.44 0.36 0.28 0.2
EMISFACT L0053758     HROFDY 0.12 0.09 0.08 0.13 0.24 0.5
EMISFACT L0053758     HROFDY 0.76 0.84 0.82 0.85 0.93 0.95
EMISFACT L0053758     HROFDY 1.0 1.0 0.96 0.87 0.92 0.85
EMISFACT L0053758     HROFDY 0.66 0.54 0.44 0.36 0.28 0.2
EMISFACT L0053759     HROFDY 0.12 0.09 0.08 0.13 0.24 0.5
EMISFACT L0053759     HROFDY 0.76 0.84 0.82 0.85 0.93 0.95
EMISFACT L0053759     HROFDY 1.0 1.0 0.96 0.87 0.92 0.85
EMISFACT L0053759     HROFDY 0.66 0.54 0.44 0.36 0.28 0.2
EMISFACT L0053760     HROFDY 0.12 0.09 0.08 0.13 0.24 0.5
EMISFACT L0053760     HROFDY 0.76 0.84 0.82 0.85 0.93 0.95
EMISFACT L0053760     HROFDY 1.0 1.0 0.96 0.87 0.92 0.85
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EMISFACT L0053761     HROFDY 1.0 1.0 0.96 0.87 0.92 0.85
EMISFACT L0053761     HROFDY 0.66 0.54 0.44 0.36 0.28 0.2
EMISFACT L0053762     HROFDY 0.12 0.09 0.08 0.13 0.24 0.5
EMISFACT L0053762     HROFDY 0.76 0.84 0.82 0.85 0.93 0.95
EMISFACT L0053762     HROFDY 1.0 1.0 0.96 0.87 0.92 0.85
EMISFACT L0053762     HROFDY 0.66 0.54 0.44 0.36 0.28 0.2
EMISFACT L0053763     HROFDY 0.12 0.09 0.08 0.13 0.24 0.5
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EMISFACT L0053764     HROFDY 0.12 0.09 0.08 0.13 0.24 0.5
EMISFACT L0053764     HROFDY 0.76 0.84 0.82 0.85 0.93 0.95
EMISFACT L0053764     HROFDY 1.0 1.0 0.96 0.87 0.92 0.85
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EMISFACT L0053765     HROFDY 1.0 1.0 0.96 0.87 0.92 0.85
EMISFACT L0053765     HROFDY 0.66 0.54 0.44 0.36 0.28 0.2
EMISFACT L0053766     HROFDY 0.12 0.09 0.08 0.13 0.24 0.5
EMISFACT L0053766     HROFDY 0.76 0.84 0.82 0.85 0.93 0.95
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EMISFACT L0053767     HROFDY 1.0 1.0 0.96 0.87 0.92 0.85
EMISFACT L0053767     HROFDY 0.66 0.54 0.44 0.36 0.28 0.2
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EMISFACT L0053768     HROFDY 1.0 1.0 0.96 0.87 0.92 0.85
EMISFACT L0053768     HROFDY 0.66 0.54 0.44 0.36 0.28 0.2
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EMISFACT L0053771     HROFDY 1.0 1.0 0.96 0.87 0.92 0.85
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EMISFACT L0053799     HROFDY 1.0 1.0 0.96 0.87 0.92 0.85
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EMISFACT L0053822     HROFDY 0.66 0.54 0.44 0.36 0.28 0.2
EMISFACT L0053823     HROFDY 0.12 0.09 0.08 0.13 0.24 0.5
EMISFACT L0053823     HROFDY 0.76 0.84 0.82 0.85 0.93 0.95
EMISFACT L0053823     HROFDY 1.0 1.0 0.96 0.87 0.92 0.85
EMISFACT L0053823     HROFDY 0.66 0.54 0.44 0.36 0.28 0.2
EMISFACT L0053824     HROFDY 0.12 0.09 0.08 0.13 0.24 0.5
EMISFACT L0053824     HROFDY 0.76 0.84 0.82 0.85 0.93 0.95
EMISFACT L0053824     HROFDY 1.0 1.0 0.96 0.87 0.92 0.85
EMISFACT L0053824     HROFDY 0.66 0.54 0.44 0.36 0.28 0.2
EMISFACT L0053825     HROFDY 0.12 0.09 0.08 0.13 0.24 0.5
EMISFACT L0053825     HROFDY 0.76 0.84 0.82 0.85 0.93 0.95
EMISFACT L0053825     HROFDY 1.0 1.0 0.96 0.87 0.92 0.85
EMISFACT L0053825     HROFDY 0.66 0.54 0.44 0.36 0.28 0.2
EMISFACT L0053826     HROFDY 0.12 0.09 0.08 0.13 0.24 0.5
EMISFACT L0053826     HROFDY 0.76 0.84 0.82 0.85 0.93 0.95
EMISFACT L0053826     HROFDY 1.0 1.0 0.96 0.87 0.92 0.85
EMISFACT L0053826     HROFDY 0.66 0.54 0.44 0.36 0.28 0.2
EMISFACT L0053827     HROFDY 0.12 0.09 0.08 0.13 0.24 0.5
EMISFACT L0053827     HROFDY 0.76 0.84 0.82 0.85 0.93 0.95
EMISFACT L0053827     HROFDY 1.0 1.0 0.96 0.87 0.92 0.85
EMISFACT L0053827     HROFDY 0.66 0.54 0.44 0.36 0.28 0.2
EMISFACT L0053828     HROFDY 0.12 0.09 0.08 0.13 0.24 0.5
EMISFACT L0053828     HROFDY 0.76 0.84 0.82 0.85 0.93 0.95
EMISFACT L0053828     HROFDY 1.0 1.0 0.96 0.87 0.92 0.85
EMISFACT L0053828     HROFDY 0.66 0.54 0.44 0.36 0.28 0.2
EMISFACT L0053829     HROFDY 0.12 0.09 0.08 0.13 0.24 0.5
EMISFACT L0053829     HROFDY 0.76 0.84 0.82 0.85 0.93 0.95
EMISFACT L0053829     HROFDY 1.0 1.0 0.96 0.87 0.92 0.85
EMISFACT L0053829     HROFDY 0.66 0.54 0.44 0.36 0.28 0.2
EMISFACT L0053830     HROFDY 0.12 0.09 0.08 0.13 0.24 0.5
EMISFACT L0053830     HROFDY 0.76 0.84 0.82 0.85 0.93 0.95
EMISFACT L0053830     HROFDY 1.0 1.0 0.96 0.87 0.92 0.85
EMISFACT L0053830     HROFDY 0.66 0.54 0.44 0.36 0.28 0.2
EMISFACT L0053831     HROFDY 0.12 0.09 0.08 0.13 0.24 0.5
EMISFACT L0053831     HROFDY 0.76 0.84 0.82 0.85 0.93 0.95
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EMISFACT L0053831     HROFDY 1.0 1.0 0.96 0.87 0.92 0.85
EMISFACT L0053831     HROFDY 0.66 0.54 0.44 0.36 0.28 0.2
EMISFACT L0053832     HROFDY 0.12 0.09 0.08 0.13 0.24 0.5
EMISFACT L0053832     HROFDY 0.76 0.84 0.82 0.85 0.93 0.95
EMISFACT L0053832     HROFDY 1.0 1.0 0.96 0.87 0.92 0.85
EMISFACT L0053832     HROFDY 0.66 0.54 0.44 0.36 0.28 0.2
EMISFACT L0053833     HROFDY 0.12 0.09 0.08 0.13 0.24 0.5
EMISFACT L0053833     HROFDY 0.76 0.84 0.82 0.85 0.93 0.95
EMISFACT L0053833     HROFDY 1.0 1.0 0.96 0.87 0.92 0.85
EMISFACT L0053833     HROFDY 0.66 0.54 0.44 0.36 0.28 0.2
EMISFACT L0053834     HROFDY 0.12 0.09 0.08 0.13 0.24 0.5
EMISFACT L0053834     HROFDY 0.76 0.84 0.82 0.85 0.93 0.95
EMISFACT L0053834     HROFDY 1.0 1.0 0.96 0.87 0.92 0.85
EMISFACT L0053834     HROFDY 0.66 0.54 0.44 0.36 0.28 0.2
EMISFACT L0053835     HROFDY 0.12 0.09 0.08 0.13 0.24 0.5
EMISFACT L0053835     HROFDY 0.76 0.84 0.82 0.85 0.93 0.95
EMISFACT L0053835     HROFDY 1.0 1.0 0.96 0.87 0.92 0.85
EMISFACT L0053835     HROFDY 0.66 0.54 0.44 0.36 0.28 0.2
EMISFACT L0053836     HROFDY 0.12 0.09 0.08 0.13 0.24 0.5
EMISFACT L0053836     HROFDY 0.76 0.84 0.82 0.85 0.93 0.95
EMISFACT L0053836     HROFDY 1.0 1.0 0.96 0.87 0.92 0.85
EMISFACT L0053836     HROFDY 0.66 0.54 0.44 0.36 0.28 0.2
EMISFACT L0053837     HROFDY 0.12 0.09 0.08 0.13 0.24 0.5
EMISFACT L0053837     HROFDY 0.76 0.84 0.82 0.85 0.93 0.95
EMISFACT L0053837     HROFDY 1.0 1.0 0.96 0.87 0.92 0.85
EMISFACT L0053837     HROFDY 0.66 0.54 0.44 0.36 0.28 0.2
EMISFACT L0053838     HROFDY 0.12 0.09 0.08 0.13 0.24 0.5
EMISFACT L0053838     HROFDY 0.76 0.84 0.82 0.85 0.93 0.95
EMISFACT L0053838     HROFDY 1.0 1.0 0.96 0.87 0.92 0.85
EMISFACT L0053838     HROFDY 0.66 0.54 0.44 0.36 0.28 0.2
EMISFACT L0053839     HROFDY 0.12 0.09 0.08 0.13 0.24 0.5
EMISFACT L0053839     HROFDY 0.76 0.84 0.82 0.85 0.93 0.95
EMISFACT L0053839     HROFDY 1.0 1.0 0.96 0.87 0.92 0.85
EMISFACT L0053839     HROFDY 0.66 0.54 0.44 0.36 0.28 0.2
EMISFACT L0053840     HROFDY 0.12 0.09 0.08 0.13 0.24 0.5
EMISFACT L0053840     HROFDY 0.76 0.84 0.82 0.85 0.93 0.95
EMISFACT L0053840     HROFDY 1.0 1.0 0.96 0.87 0.92 0.85
EMISFACT L0053840     HROFDY 0.66 0.54 0.44 0.36 0.28 0.2
EMISFACT L0053841     HROFDY 0.12 0.09 0.08 0.13 0.24 0.5
EMISFACT L0053841     HROFDY 0.76 0.84 0.82 0.85 0.93 0.95
EMISFACT L0053841     HROFDY 1.0 1.0 0.96 0.87 0.92 0.85
EMISFACT L0053841     HROFDY 0.66 0.54 0.44 0.36 0.28 0.2
EMISFACT L0053842     HROFDY 0.12 0.09 0.08 0.13 0.24 0.5
EMISFACT L0053842     HROFDY 0.76 0.84 0.82 0.85 0.93 0.95
EMISFACT L0053842     HROFDY 1.0 1.0 0.96 0.87 0.92 0.85
EMISFACT L0053842     HROFDY 0.66 0.54 0.44 0.36 0.28 0.2
EMISFACT L0053843     HROFDY 0.12 0.09 0.08 0.13 0.24 0.5
EMISFACT L0053843     HROFDY 0.76 0.84 0.82 0.85 0.93 0.95
EMISFACT L0053843     HROFDY 1.0 1.0 0.96 0.87 0.92 0.85
EMISFACT L0053843     HROFDY 0.66 0.54 0.44 0.36 0.28 0.2
EMISFACT L0053844     HROFDY 0.12 0.09 0.08 0.13 0.24 0.5
EMISFACT L0053844     HROFDY 0.76 0.84 0.82 0.85 0.93 0.95
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   EMISFACT L0053844     HROFDY 1.0 1.0 0.96 0.87 0.92 0.85
   EMISFACT L0053844     HROFDY 0.66 0.54 0.44 0.36 0.28 0.2

** Variable Emissions Type: "By Hour-of-Day (HROFDY)"
** Variable Emission Scenario: "Scenario 5"
   EMISFACT L0053434     HROFDY 0.36 0.37 0.5 1.0 0.89 0.86
   EMISFACT L0053434     HROFDY 0.92 0.95 0.98 0.95 0.97 0.93
   EMISFACT L0053434     HROFDY 0.91 0.91 0.93 0.95 0.94 0.91
   EMISFACT L0053434     HROFDY 0.79 0.72 0.69 0.6 0.48 0.39
   EMISFACT L0053435     HROFDY 0.36 0.37 0.5 1.0 0.89 0.86
   EMISFACT L0053435     HROFDY 0.92 0.95 0.98 0.95 0.97 0.93
   EMISFACT L0053435     HROFDY 0.91 0.91 0.93 0.95 0.94 0.91
   EMISFACT L0053435     HROFDY 0.79 0.72 0.69 0.6 0.48 0.39
   EMISFACT L0053436     HROFDY 0.36 0.37 0.5 1.0 0.89 0.86
   EMISFACT L0053436     HROFDY 0.92 0.95 0.98 0.95 0.97 0.93
   EMISFACT L0053436     HROFDY 0.91 0.91 0.93 0.95 0.94 0.91
   EMISFACT L0053436     HROFDY 0.79 0.72 0.69 0.6 0.48 0.39
   EMISFACT L0053437     HROFDY 0.36 0.37 0.5 1.0 0.89 0.86
   EMISFACT L0053437     HROFDY 0.92 0.95 0.98 0.95 0.97 0.93
   EMISFACT L0053437     HROFDY 0.91 0.91 0.93 0.95 0.94 0.91
   EMISFACT L0053437     HROFDY 0.79 0.72 0.69 0.6 0.48 0.39
   EMISFACT L0053438     HROFDY 0.36 0.37 0.5 1.0 0.89 0.86
   EMISFACT L0053438     HROFDY 0.92 0.95 0.98 0.95 0.97 0.93
   EMISFACT L0053438     HROFDY 0.91 0.91 0.93 0.95 0.94 0.91
   EMISFACT L0053438     HROFDY 0.79 0.72 0.69 0.6 0.48 0.39
   EMISFACT L0053439     HROFDY 0.36 0.37 0.5 1.0 0.89 0.86
   EMISFACT L0053439     HROFDY 0.92 0.95 0.98 0.95 0.97 0.93
   EMISFACT L0053439     HROFDY 0.91 0.91 0.93 0.95 0.94 0.91
   EMISFACT L0053439     HROFDY 0.79 0.72 0.69 0.6 0.48 0.39
   EMISFACT L0053440     HROFDY 0.36 0.37 0.5 1.0 0.89 0.86
   EMISFACT L0053440     HROFDY 0.92 0.95 0.98 0.95 0.97 0.93
   EMISFACT L0053440     HROFDY 0.91 0.91 0.93 0.95 0.94 0.91
   EMISFACT L0053440     HROFDY 0.79 0.72 0.69 0.6 0.48 0.39
   EMISFACT L0053441     HROFDY 0.36 0.37 0.5 1.0 0.89 0.86
   EMISFACT L0053441     HROFDY 0.92 0.95 0.98 0.95 0.97 0.93
   EMISFACT L0053441     HROFDY 0.91 0.91 0.93 0.95 0.94 0.91
   EMISFACT L0053441     HROFDY 0.79 0.72 0.69 0.6 0.48 0.39
   EMISFACT L0053442     HROFDY 0.36 0.37 0.5 1.0 0.89 0.86
   EMISFACT L0053442     HROFDY 0.92 0.95 0.98 0.95 0.97 0.93
   EMISFACT L0053442     HROFDY 0.91 0.91 0.93 0.95 0.94 0.91
   EMISFACT L0053442     HROFDY 0.79 0.72 0.69 0.6 0.48 0.39
   EMISFACT L0053443     HROFDY 0.36 0.37 0.5 1.0 0.89 0.86
   EMISFACT L0053443     HROFDY 0.92 0.95 0.98 0.95 0.97 0.93
   EMISFACT L0053443     HROFDY 0.91 0.91 0.93 0.95 0.94 0.91
   EMISFACT L0053443     HROFDY 0.79 0.72 0.69 0.6 0.48 0.39
   EMISFACT L0053444     HROFDY 0.36 0.37 0.5 1.0 0.89 0.86
   EMISFACT L0053444     HROFDY 0.92 0.95 0.98 0.95 0.97 0.93
   EMISFACT L0053444     HROFDY 0.91 0.91 0.93 0.95 0.94 0.91
   EMISFACT L0053444     HROFDY 0.79 0.72 0.69 0.6 0.48 0.39
   EMISFACT L0053445     HROFDY 0.36 0.37 0.5 1.0 0.89 0.86
   EMISFACT L0053445     HROFDY 0.92 0.95 0.98 0.95 0.97 0.93
   EMISFACT L0053445     HROFDY 0.91 0.91 0.93 0.95 0.94 0.91
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EMISFACT L0053445     HROFDY 0.79 0.72 0.69 0.6 0.48 0.39
EMISFACT L0053446     HROFDY 0.36 0.37 0.5 1.0 0.89 0.86
EMISFACT L0053446     HROFDY 0.92 0.95 0.98 0.95 0.97 0.93
EMISFACT L0053446     HROFDY 0.91 0.91 0.93 0.95 0.94 0.91
EMISFACT L0053446     HROFDY 0.79 0.72 0.69 0.6 0.48 0.39
EMISFACT L0053447     HROFDY 0.36 0.37 0.5 1.0 0.89 0.86
EMISFACT L0053447     HROFDY 0.92 0.95 0.98 0.95 0.97 0.93
EMISFACT L0053447     HROFDY 0.91 0.91 0.93 0.95 0.94 0.91
EMISFACT L0053447     HROFDY 0.79 0.72 0.69 0.6 0.48 0.39
EMISFACT L0053448     HROFDY 0.36 0.37 0.5 1.0 0.89 0.86
EMISFACT L0053448     HROFDY 0.92 0.95 0.98 0.95 0.97 0.93
EMISFACT L0053448     HROFDY 0.91 0.91 0.93 0.95 0.94 0.91
EMISFACT L0053448     HROFDY 0.79 0.72 0.69 0.6 0.48 0.39
EMISFACT L0053449     HROFDY 0.36 0.37 0.5 1.0 0.89 0.86
EMISFACT L0053449     HROFDY 0.92 0.95 0.98 0.95 0.97 0.93
EMISFACT L0053449     HROFDY 0.91 0.91 0.93 0.95 0.94 0.91
EMISFACT L0053449     HROFDY 0.79 0.72 0.69 0.6 0.48 0.39
EMISFACT L0053450     HROFDY 0.36 0.37 0.5 1.0 0.89 0.86
EMISFACT L0053450     HROFDY 0.92 0.95 0.98 0.95 0.97 0.93
EMISFACT L0053450     HROFDY 0.91 0.91 0.93 0.95 0.94 0.91
EMISFACT L0053450     HROFDY 0.79 0.72 0.69 0.6 0.48 0.39
EMISFACT L0053451     HROFDY 0.36 0.37 0.5 1.0 0.89 0.86
EMISFACT L0053451     HROFDY 0.92 0.95 0.98 0.95 0.97 0.93
EMISFACT L0053451     HROFDY 0.91 0.91 0.93 0.95 0.94 0.91
EMISFACT L0053451     HROFDY 0.79 0.72 0.69 0.6 0.48 0.39
EMISFACT L0053452     HROFDY 0.36 0.37 0.5 1.0 0.89 0.86
EMISFACT L0053452     HROFDY 0.92 0.95 0.98 0.95 0.97 0.93
EMISFACT L0053452     HROFDY 0.91 0.91 0.93 0.95 0.94 0.91
EMISFACT L0053452     HROFDY 0.79 0.72 0.69 0.6 0.48 0.39
EMISFACT L0053453     HROFDY 0.36 0.37 0.5 1.0 0.89 0.86
EMISFACT L0053453     HROFDY 0.92 0.95 0.98 0.95 0.97 0.93
EMISFACT L0053453     HROFDY 0.91 0.91 0.93 0.95 0.94 0.91
EMISFACT L0053453     HROFDY 0.79 0.72 0.69 0.6 0.48 0.39
EMISFACT L0053454     HROFDY 0.36 0.37 0.5 1.0 0.89 0.86
EMISFACT L0053454     HROFDY 0.92 0.95 0.98 0.95 0.97 0.93
EMISFACT L0053454     HROFDY 0.91 0.91 0.93 0.95 0.94 0.91
EMISFACT L0053454     HROFDY 0.79 0.72 0.69 0.6 0.48 0.39
EMISFACT L0053455     HROFDY 0.36 0.37 0.5 1.0 0.89 0.86
EMISFACT L0053455     HROFDY 0.92 0.95 0.98 0.95 0.97 0.93
EMISFACT L0053455     HROFDY 0.91 0.91 0.93 0.95 0.94 0.91
EMISFACT L0053455     HROFDY 0.79 0.72 0.69 0.6 0.48 0.39
EMISFACT L0053456     HROFDY 0.36 0.37 0.5 1.0 0.89 0.86
EMISFACT L0053456     HROFDY 0.92 0.95 0.98 0.95 0.97 0.93
EMISFACT L0053456     HROFDY 0.91 0.91 0.93 0.95 0.94 0.91
EMISFACT L0053456     HROFDY 0.79 0.72 0.69 0.6 0.48 0.39
EMISFACT L0053457     HROFDY 0.36 0.37 0.5 1.0 0.89 0.86
EMISFACT L0053457     HROFDY 0.92 0.95 0.98 0.95 0.97 0.93
EMISFACT L0053457     HROFDY 0.91 0.91 0.93 0.95 0.94 0.91
EMISFACT L0053457     HROFDY 0.79 0.72 0.69 0.6 0.48 0.39
EMISFACT L0053458     HROFDY 0.36 0.37 0.5 1.0 0.89 0.86
EMISFACT L0053458     HROFDY 0.92 0.95 0.98 0.95 0.97 0.93
EMISFACT L0053458     HROFDY 0.91 0.91 0.93 0.95 0.94 0.91
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EMISFACT L0053458     HROFDY 0.79 0.72 0.69 0.6 0.48 0.39
EMISFACT L0053459     HROFDY 0.36 0.37 0.5 1.0 0.89 0.86
EMISFACT L0053459     HROFDY 0.92 0.95 0.98 0.95 0.97 0.93
EMISFACT L0053459     HROFDY 0.91 0.91 0.93 0.95 0.94 0.91
EMISFACT L0053459     HROFDY 0.79 0.72 0.69 0.6 0.48 0.39
EMISFACT L0053460     HROFDY 0.36 0.37 0.5 1.0 0.89 0.86
EMISFACT L0053460     HROFDY 0.92 0.95 0.98 0.95 0.97 0.93
EMISFACT L0053460     HROFDY 0.91 0.91 0.93 0.95 0.94 0.91
EMISFACT L0053460     HROFDY 0.79 0.72 0.69 0.6 0.48 0.39
EMISFACT L0053461     HROFDY 0.36 0.37 0.5 1.0 0.89 0.86
EMISFACT L0053461     HROFDY 0.92 0.95 0.98 0.95 0.97 0.93
EMISFACT L0053461     HROFDY 0.91 0.91 0.93 0.95 0.94 0.91
EMISFACT L0053461     HROFDY 0.79 0.72 0.69 0.6 0.48 0.39
EMISFACT L0053462     HROFDY 0.36 0.37 0.5 1.0 0.89 0.86
EMISFACT L0053462     HROFDY 0.92 0.95 0.98 0.95 0.97 0.93
EMISFACT L0053462     HROFDY 0.91 0.91 0.93 0.95 0.94 0.91
EMISFACT L0053462     HROFDY 0.79 0.72 0.69 0.6 0.48 0.39
EMISFACT L0053463     HROFDY 0.36 0.37 0.5 1.0 0.89 0.86
EMISFACT L0053463     HROFDY 0.92 0.95 0.98 0.95 0.97 0.93
EMISFACT L0053463     HROFDY 0.91 0.91 0.93 0.95 0.94 0.91
EMISFACT L0053463     HROFDY 0.79 0.72 0.69 0.6 0.48 0.39
EMISFACT L0053464     HROFDY 0.36 0.37 0.5 1.0 0.89 0.86
EMISFACT L0053464     HROFDY 0.92 0.95 0.98 0.95 0.97 0.93
EMISFACT L0053464     HROFDY 0.91 0.91 0.93 0.95 0.94 0.91
EMISFACT L0053464     HROFDY 0.79 0.72 0.69 0.6 0.48 0.39
EMISFACT L0053465     HROFDY 0.36 0.37 0.5 1.0 0.89 0.86
EMISFACT L0053465     HROFDY 0.92 0.95 0.98 0.95 0.97 0.93
EMISFACT L0053465     HROFDY 0.91 0.91 0.93 0.95 0.94 0.91
EMISFACT L0053465     HROFDY 0.79 0.72 0.69 0.6 0.48 0.39
EMISFACT L0053466     HROFDY 0.36 0.37 0.5 1.0 0.89 0.86
EMISFACT L0053466     HROFDY 0.92 0.95 0.98 0.95 0.97 0.93
EMISFACT L0053466     HROFDY 0.91 0.91 0.93 0.95 0.94 0.91
EMISFACT L0053466     HROFDY 0.79 0.72 0.69 0.6 0.48 0.39
EMISFACT L0053467     HROFDY 0.36 0.37 0.5 1.0 0.89 0.86
EMISFACT L0053467     HROFDY 0.92 0.95 0.98 0.95 0.97 0.93
EMISFACT L0053467     HROFDY 0.91 0.91 0.93 0.95 0.94 0.91
EMISFACT L0053467     HROFDY 0.79 0.72 0.69 0.6 0.48 0.39
EMISFACT L0053468     HROFDY 0.36 0.37 0.5 1.0 0.89 0.86
EMISFACT L0053468     HROFDY 0.92 0.95 0.98 0.95 0.97 0.93
EMISFACT L0053468     HROFDY 0.91 0.91 0.93 0.95 0.94 0.91
EMISFACT L0053468     HROFDY 0.79 0.72 0.69 0.6 0.48 0.39
EMISFACT L0053469     HROFDY 0.36 0.37 0.5 1.0 0.89 0.86
EMISFACT L0053469     HROFDY 0.92 0.95 0.98 0.95 0.97 0.93
EMISFACT L0053469     HROFDY 0.91 0.91 0.93 0.95 0.94 0.91
EMISFACT L0053469     HROFDY 0.79 0.72 0.69 0.6 0.48 0.39
EMISFACT L0053470     HROFDY 0.36 0.37 0.5 1.0 0.89 0.86
EMISFACT L0053470     HROFDY 0.92 0.95 0.98 0.95 0.97 0.93
EMISFACT L0053470     HROFDY 0.91 0.91 0.93 0.95 0.94 0.91
EMISFACT L0053470     HROFDY 0.79 0.72 0.69 0.6 0.48 0.39
EMISFACT L0053471     HROFDY 0.36 0.37 0.5 1.0 0.89 0.86
EMISFACT L0053471     HROFDY 0.92 0.95 0.98 0.95 0.97 0.93
EMISFACT L0053471     HROFDY 0.91 0.91 0.93 0.95 0.94 0.91
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EMISFACT L0053471     HROFDY 0.79 0.72 0.69 0.6 0.48 0.39
EMISFACT L0053472     HROFDY 0.36 0.37 0.5 1.0 0.89 0.86
EMISFACT L0053472     HROFDY 0.92 0.95 0.98 0.95 0.97 0.93
EMISFACT L0053472     HROFDY 0.91 0.91 0.93 0.95 0.94 0.91
EMISFACT L0053472     HROFDY 0.79 0.72 0.69 0.6 0.48 0.39
EMISFACT L0053473     HROFDY 0.36 0.37 0.5 1.0 0.89 0.86
EMISFACT L0053473     HROFDY 0.92 0.95 0.98 0.95 0.97 0.93
EMISFACT L0053473     HROFDY 0.91 0.91 0.93 0.95 0.94 0.91
EMISFACT L0053473     HROFDY 0.79 0.72 0.69 0.6 0.48 0.39
EMISFACT L0053474     HROFDY 0.36 0.37 0.5 1.0 0.89 0.86
EMISFACT L0053474     HROFDY 0.92 0.95 0.98 0.95 0.97 0.93
EMISFACT L0053474     HROFDY 0.91 0.91 0.93 0.95 0.94 0.91
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EMISFACT L0053537     HROFDY 0.91 0.91 0.93 0.95 0.94 0.91
EMISFACT L0053537     HROFDY 0.79 0.72 0.69 0.6 0.48 0.39
EMISFACT L0053538     HROFDY 0.36 0.37 0.5 1.0 0.89 0.86
EMISFACT L0053538     HROFDY 0.92 0.95 0.98 0.95 0.97 0.93
EMISFACT L0053538     HROFDY 0.91 0.91 0.93 0.95 0.94 0.91
EMISFACT L0053538     HROFDY 0.79 0.72 0.69 0.6 0.48 0.39
EMISFACT L0053539     HROFDY 0.36 0.37 0.5 1.0 0.89 0.86
EMISFACT L0053539     HROFDY 0.92 0.95 0.98 0.95 0.97 0.93
EMISFACT L0053539     HROFDY 0.91 0.91 0.93 0.95 0.94 0.91
EMISFACT L0053539     HROFDY 0.79 0.72 0.69 0.6 0.48 0.39
EMISFACT L0053540     HROFDY 0.36 0.37 0.5 1.0 0.89 0.86
EMISFACT L0053540     HROFDY 0.92 0.95 0.98 0.95 0.97 0.93
EMISFACT L0053540     HROFDY 0.91 0.91 0.93 0.95 0.94 0.91
EMISFACT L0053540     HROFDY 0.79 0.72 0.69 0.6 0.48 0.39
EMISFACT L0053541     HROFDY 0.36 0.37 0.5 1.0 0.89 0.86
EMISFACT L0053541     HROFDY 0.92 0.95 0.98 0.95 0.97 0.93
EMISFACT L0053541     HROFDY 0.91 0.91 0.93 0.95 0.94 0.91
EMISFACT L0053541     HROFDY 0.79 0.72 0.69 0.6 0.48 0.39
EMISFACT L0053542     HROFDY 0.36 0.37 0.5 1.0 0.89 0.86
EMISFACT L0053542     HROFDY 0.92 0.95 0.98 0.95 0.97 0.93
EMISFACT L0053542     HROFDY 0.91 0.91 0.93 0.95 0.94 0.91
EMISFACT L0053542     HROFDY 0.79 0.72 0.69 0.6 0.48 0.39
EMISFACT L0053543     HROFDY 0.36 0.37 0.5 1.0 0.89 0.86
EMISFACT L0053543     HROFDY 0.92 0.95 0.98 0.95 0.97 0.93
EMISFACT L0053543     HROFDY 0.91 0.91 0.93 0.95 0.94 0.91
EMISFACT L0053543     HROFDY 0.79 0.72 0.69 0.6 0.48 0.39
EMISFACT L0053544     HROFDY 0.36 0.37 0.5 1.0 0.89 0.86
EMISFACT L0053544     HROFDY 0.92 0.95 0.98 0.95 0.97 0.93
EMISFACT L0053544     HROFDY 0.91 0.91 0.93 0.95 0.94 0.91
EMISFACT L0053544     HROFDY 0.79 0.72 0.69 0.6 0.48 0.39
EMISFACT L0053545     HROFDY 0.36 0.37 0.5 1.0 0.89 0.86
EMISFACT L0053545     HROFDY 0.92 0.95 0.98 0.95 0.97 0.93
EMISFACT L0053545     HROFDY 0.91 0.91 0.93 0.95 0.94 0.91
EMISFACT L0053545     HROFDY 0.79 0.72 0.69 0.6 0.48 0.39
EMISFACT L0053546     HROFDY 0.36 0.37 0.5 1.0 0.89 0.86
EMISFACT L0053546     HROFDY 0.92 0.95 0.98 0.95 0.97 0.93
EMISFACT L0053546     HROFDY 0.91 0.91 0.93 0.95 0.94 0.91
EMISFACT L0053546     HROFDY 0.79 0.72 0.69 0.6 0.48 0.39
EMISFACT L0053547     HROFDY 0.36 0.37 0.5 1.0 0.89 0.86
EMISFACT L0053547     HROFDY 0.92 0.95 0.98 0.95 0.97 0.93
EMISFACT L0053547     HROFDY 0.91 0.91 0.93 0.95 0.94 0.91
EMISFACT L0053547     HROFDY 0.79 0.72 0.69 0.6 0.48 0.39
EMISFACT L0053548     HROFDY 0.36 0.37 0.5 1.0 0.89 0.86
EMISFACT L0053548     HROFDY 0.92 0.95 0.98 0.95 0.97 0.93
EMISFACT L0053548     HROFDY 0.91 0.91 0.93 0.95 0.94 0.91
EMISFACT L0053548     HROFDY 0.79 0.72 0.69 0.6 0.48 0.39
EMISFACT L0053549     HROFDY 0.36 0.37 0.5 1.0 0.89 0.86
EMISFACT L0053549     HROFDY 0.92 0.95 0.98 0.95 0.97 0.93
EMISFACT L0053549     HROFDY 0.91 0.91 0.93 0.95 0.94 0.91
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   EMISFACT L0053549     HROFDY 0.79 0.72 0.69 0.6 0.48 0.39
   EMISFACT L0053550     HROFDY 0.36 0.37 0.5 1.0 0.89 0.86
   EMISFACT L0053550     HROFDY 0.92 0.95 0.98 0.95 0.97 0.93
   EMISFACT L0053550     HROFDY 0.91 0.91 0.93 0.95 0.94 0.91
   EMISFACT L0053550     HROFDY 0.79 0.72 0.69 0.6 0.48 0.39
   EMISFACT L0053551     HROFDY 0.36 0.37 0.5 1.0 0.89 0.86
   EMISFACT L0053551     HROFDY 0.92 0.95 0.98 0.95 0.97 0.93
   EMISFACT L0053551     HROFDY 0.91 0.91 0.93 0.95 0.94 0.91
   EMISFACT L0053551     HROFDY 0.79 0.72 0.69 0.6 0.48 0.39
   EMISFACT L0053552     HROFDY 0.36 0.37 0.5 1.0 0.89 0.86
   EMISFACT L0053552     HROFDY 0.92 0.95 0.98 0.95 0.97 0.93
   EMISFACT L0053552     HROFDY 0.91 0.91 0.93 0.95 0.94 0.91
   EMISFACT L0053552     HROFDY 0.79 0.72 0.69 0.6 0.48 0.39
   EMISFACT L0053553     HROFDY 0.36 0.37 0.5 1.0 0.89 0.86
   EMISFACT L0053553     HROFDY 0.92 0.95 0.98 0.95 0.97 0.93
   EMISFACT L0053553     HROFDY 0.91 0.91 0.93 0.95 0.94 0.91
   EMISFACT L0053553     HROFDY 0.79 0.72 0.69 0.6 0.48 0.39
   EMISFACT L0053554     HROFDY 0.36 0.37 0.5 1.0 0.89 0.86
   EMISFACT L0053554     HROFDY 0.92 0.95 0.98 0.95 0.97 0.93
   EMISFACT L0053554     HROFDY 0.91 0.91 0.93 0.95 0.94 0.91
   EMISFACT L0053554     HROFDY 0.79 0.72 0.69 0.6 0.48 0.39
   EMISFACT L0053555     HROFDY 0.36 0.37 0.5 1.0 0.89 0.86
   EMISFACT L0053555     HROFDY 0.92 0.95 0.98 0.95 0.97 0.93
   EMISFACT L0053555     HROFDY 0.91 0.91 0.93 0.95 0.94 0.91
   EMISFACT L0053555     HROFDY 0.79 0.72 0.69 0.6 0.48 0.39

** Variable Emissions Type: "By Hour-of-Day (HROFDY)"
** Variable Emission Scenario: "Scenario 6"
   EMISFACT L0053556     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
   EMISFACT L0053556     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
   EMISFACT L0053556     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
   EMISFACT L0053556     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
   EMISFACT L0053557     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
   EMISFACT L0053557     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
   EMISFACT L0053557     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
   EMISFACT L0053557     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
   EMISFACT L0053558     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
   EMISFACT L0053558     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
   EMISFACT L0053558     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
   EMISFACT L0053558     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
   EMISFACT L0053559     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
   EMISFACT L0053559     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
   EMISFACT L0053559     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
   EMISFACT L0053559     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
   EMISFACT L0053560     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
   EMISFACT L0053560     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
   EMISFACT L0053560     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
   EMISFACT L0053560     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
   EMISFACT L0053561     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
   EMISFACT L0053561     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
   EMISFACT L0053561     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
   EMISFACT L0053561     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
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EMISFACT L0053562     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
EMISFACT L0053562     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
EMISFACT L0053562     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
EMISFACT L0053562     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
EMISFACT L0053563     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
EMISFACT L0053563     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
EMISFACT L0053563     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
EMISFACT L0053563     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
EMISFACT L0053564     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
EMISFACT L0053564     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
EMISFACT L0053564     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
EMISFACT L0053564     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
EMISFACT L0053565     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
EMISFACT L0053565     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
EMISFACT L0053565     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
EMISFACT L0053565     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
EMISFACT L0053566     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
EMISFACT L0053566     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
EMISFACT L0053566     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
EMISFACT L0053566     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
EMISFACT L0053567     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
EMISFACT L0053567     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
EMISFACT L0053567     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
EMISFACT L0053567     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
EMISFACT L0053568     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
EMISFACT L0053568     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
EMISFACT L0053568     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
EMISFACT L0053568     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
EMISFACT L0053569     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
EMISFACT L0053569     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
EMISFACT L0053569     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
EMISFACT L0053569     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
EMISFACT L0053570     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
EMISFACT L0053570     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
EMISFACT L0053570     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
EMISFACT L0053570     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
EMISFACT L0053571     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
EMISFACT L0053571     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
EMISFACT L0053571     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
EMISFACT L0053571     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
EMISFACT L0053572     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
EMISFACT L0053572     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
EMISFACT L0053572     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
EMISFACT L0053572     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
EMISFACT L0053573     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
EMISFACT L0053573     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
EMISFACT L0053573     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
EMISFACT L0053573     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
EMISFACT L0053574     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
EMISFACT L0053574     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
EMISFACT L0053574     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
EMISFACT L0053574     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
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EMISFACT L0053575     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
EMISFACT L0053575     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
EMISFACT L0053575     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
EMISFACT L0053575     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
EMISFACT L0053576     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
EMISFACT L0053576     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
EMISFACT L0053576     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
EMISFACT L0053576     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
EMISFACT L0053577     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
EMISFACT L0053577     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
EMISFACT L0053577     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
EMISFACT L0053577     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
EMISFACT L0053578     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
EMISFACT L0053578     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
EMISFACT L0053578     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
EMISFACT L0053578     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
EMISFACT L0053579     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
EMISFACT L0053579     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
EMISFACT L0053579     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
EMISFACT L0053579     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
EMISFACT L0053580     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
EMISFACT L0053580     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
EMISFACT L0053580     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
EMISFACT L0053580     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
EMISFACT L0053581     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
EMISFACT L0053581     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
EMISFACT L0053581     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
EMISFACT L0053581     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
EMISFACT L0053582     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
EMISFACT L0053582     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
EMISFACT L0053582     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
EMISFACT L0053582     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
EMISFACT L0053583     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
EMISFACT L0053583     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
EMISFACT L0053583     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
EMISFACT L0053583     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
EMISFACT L0053584     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
EMISFACT L0053584     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
EMISFACT L0053584     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
EMISFACT L0053584     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
EMISFACT L0053585     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
EMISFACT L0053585     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
EMISFACT L0053585     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
EMISFACT L0053585     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
EMISFACT L0053586     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
EMISFACT L0053586     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
EMISFACT L0053586     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
EMISFACT L0053586     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
EMISFACT L0053587     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
EMISFACT L0053587     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
EMISFACT L0053587     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
EMISFACT L0053587     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
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EMISFACT L0053588     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
EMISFACT L0053588     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
EMISFACT L0053588     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
EMISFACT L0053588     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
EMISFACT L0053589     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
EMISFACT L0053589     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
EMISFACT L0053589     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
EMISFACT L0053589     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
EMISFACT L0053590     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
EMISFACT L0053590     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
EMISFACT L0053590     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
EMISFACT L0053590     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
EMISFACT L0053591     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
EMISFACT L0053591     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
EMISFACT L0053591     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
EMISFACT L0053591     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
EMISFACT L0053592     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
EMISFACT L0053592     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
EMISFACT L0053592     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
EMISFACT L0053592     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
EMISFACT L0053593     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
EMISFACT L0053593     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
EMISFACT L0053593     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
EMISFACT L0053593     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
EMISFACT L0053594     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
EMISFACT L0053594     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
EMISFACT L0053594     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
EMISFACT L0053594     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
EMISFACT L0053595     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
EMISFACT L0053595     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
EMISFACT L0053595     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
EMISFACT L0053595     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
EMISFACT L0053596     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
EMISFACT L0053596     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
EMISFACT L0053596     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
EMISFACT L0053596     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
EMISFACT L0053597     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
EMISFACT L0053597     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
EMISFACT L0053597     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
EMISFACT L0053597     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
EMISFACT L0053598     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
EMISFACT L0053598     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
EMISFACT L0053598     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
EMISFACT L0053598     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
EMISFACT L0053599     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
EMISFACT L0053599     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
EMISFACT L0053599     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
EMISFACT L0053599     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
EMISFACT L0053600     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
EMISFACT L0053600     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
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EMISFACT L0053600     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
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EMISFACT L0053726     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
EMISFACT L0053726     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
EMISFACT L0053727     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
EMISFACT L0053727     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
EMISFACT L0053727     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
EMISFACT L0053727     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
EMISFACT L0053728     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
EMISFACT L0053728     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
EMISFACT L0053728     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
EMISFACT L0053728     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
EMISFACT L0053729     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
EMISFACT L0053729     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
EMISFACT L0053729     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
EMISFACT L0053729     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
EMISFACT L0053730     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
EMISFACT L0053730     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
EMISFACT L0053730     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
EMISFACT L0053730     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
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EMISFACT L0053731     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
EMISFACT L0053731     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
EMISFACT L0053731     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
EMISFACT L0053731     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
EMISFACT L0053732     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
EMISFACT L0053732     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
EMISFACT L0053732     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
EMISFACT L0053732     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
EMISFACT L0053733     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
EMISFACT L0053733     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
EMISFACT L0053733     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
EMISFACT L0053733     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
EMISFACT L0053734     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
EMISFACT L0053734     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
EMISFACT L0053734     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
EMISFACT L0053734     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
EMISFACT L0053735     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
EMISFACT L0053735     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
EMISFACT L0053735     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
EMISFACT L0053735     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
EMISFACT L0053736     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
EMISFACT L0053736     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
EMISFACT L0053736     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
EMISFACT L0053736     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
EMISFACT L0053737     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
EMISFACT L0053737     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
EMISFACT L0053737     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
EMISFACT L0053737     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
EMISFACT L0053738     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
EMISFACT L0053738     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
EMISFACT L0053738     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
EMISFACT L0053738     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
EMISFACT L0053739     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
EMISFACT L0053739     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
EMISFACT L0053739     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
EMISFACT L0053739     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
EMISFACT L0053740     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
EMISFACT L0053740     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
EMISFACT L0053740     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
EMISFACT L0053740     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
EMISFACT L0053741     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
EMISFACT L0053741     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
EMISFACT L0053741     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
EMISFACT L0053741     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
EMISFACT L0053742     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
EMISFACT L0053742     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
EMISFACT L0053742     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
EMISFACT L0053742     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
EMISFACT L0053743     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
EMISFACT L0053743     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
EMISFACT L0053743     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
EMISFACT L0053743     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
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   EMISFACT L0053744     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
   EMISFACT L0053744     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
   EMISFACT L0053744     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
   EMISFACT L0053744     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
   EMISFACT L0053745     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
   EMISFACT L0053745     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
   EMISFACT L0053745     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
   EMISFACT L0053745     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34
   EMISFACT L0053746     HROFDY 0.31 0.33 0.49 1.0 0.88 0.7
   EMISFACT L0053746     HROFDY 0.72 0.77 0.76 0.84 0.94 0.9
   EMISFACT L0053746     HROFDY 0.84 0.82 0.84 0.86 0.83 0.87
   EMISFACT L0053746     HROFDY 0.77 0.71 0.66 0.55 0.42 0.34

** Variable Emissions Type: "By Hour-of-Day (HROFDY)"
** Variable Emission Scenario: "Scenario 7"
   EMISFACT L0053243     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
   EMISFACT L0053243     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
   EMISFACT L0053243     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
   EMISFACT L0053243     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
   EMISFACT L0053244     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
   EMISFACT L0053244     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
   EMISFACT L0053244     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
   EMISFACT L0053244     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
   EMISFACT L0053245     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
   EMISFACT L0053245     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
   EMISFACT L0053245     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
   EMISFACT L0053245     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
   EMISFACT L0053246     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
   EMISFACT L0053246     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
   EMISFACT L0053246     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
   EMISFACT L0053246     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
   EMISFACT L0053247     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
   EMISFACT L0053247     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
   EMISFACT L0053247     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
   EMISFACT L0053247     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
   EMISFACT L0053248     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
   EMISFACT L0053248     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
   EMISFACT L0053248     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
   EMISFACT L0053248     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
   EMISFACT L0053249     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
   EMISFACT L0053249     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
   EMISFACT L0053249     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
   EMISFACT L0053249     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
   EMISFACT L0053250     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
   EMISFACT L0053250     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
   EMISFACT L0053250     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
   EMISFACT L0053250     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
   EMISFACT L0053251     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
   EMISFACT L0053251     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
   EMISFACT L0053251     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
   EMISFACT L0053251     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
   EMISFACT L0053252     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
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EMISFACT L0053252     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053252     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053252     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053253     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053253     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053253     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053253     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053254     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053254     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053254     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053254     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053255     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053255     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053255     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053255     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053256     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053256     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053256     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053256     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053257     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053257     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053257     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053257     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053258     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053258     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053258     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053258     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053259     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053259     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053259     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053259     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053260     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053260     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053260     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053260     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053261     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053261     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053261     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053261     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053262     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053262     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053262     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053262     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053263     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053263     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053263     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053263     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053264     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053264     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053264     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053264     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053265     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
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EMISFACT L0053265     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053265     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053265     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053266     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053266     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053266     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053266     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053267     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053267     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053267     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053267     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053268     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053268     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053268     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053268     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053269     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053269     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053269     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053269     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053270     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053270     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053270     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053270     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053271     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053271     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053271     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053271     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053272     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053272     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053272     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053272     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053273     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053273     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053273     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053273     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053274     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053274     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053274     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053274     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053275     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053275     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053275     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053275     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053276     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053276     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053276     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053276     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053277     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053277     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053277     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053277     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053278     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
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EMISFACT L0053278     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053278     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053278     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053279     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053279     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053279     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053279     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053280     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053280     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053280     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053280     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053281     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053281     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053281     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053281     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053282     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053282     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053282     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053282     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053283     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053283     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053283     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053283     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053284     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053284     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053284     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053284     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053285     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053285     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053285     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053286     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053286     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053287     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053287     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053287     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053288     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053288     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053289     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053289     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053289     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053289     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053290     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053290     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053290     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053290     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053291     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
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EMISFACT L0053291     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053292     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053293     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053293     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053293     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053294     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053294     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053294     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053294     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053295     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
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EMISFACT L0053295     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053296     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
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EMISFACT L0053296     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053298     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053298     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053299     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053300     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053300     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
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EMISFACT L0053301     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053301     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
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EMISFACT L0053302     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053303     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053303     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053303     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053303     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053304     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
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EMISFACT L0053305     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
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EMISFACT L0053305     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053306     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
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EMISFACT L0053306     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053307     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053308     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
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EMISFACT L0053308     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053309     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
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EMISFACT L0053309     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053310     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053311     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053313     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053316     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053317     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
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EMISFACT L0053318     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
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EMISFACT L0053318     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053319     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053320     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053321     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053322     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053323     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053324     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
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EMISFACT L0053324     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053325     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053326     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053326     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053327     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053327     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053327     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053327     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053328     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053328     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053328     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053328     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053329     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053329     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053329     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053329     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053330     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
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EMISFACT L0053330     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053331     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
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EMISFACT L0053331     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053331     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053332     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053332     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053332     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053332     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053333     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053333     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053333     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053334     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053334     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053334     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053334     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053335     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053335     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053335     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053336     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
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EMISFACT L0053336     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053336     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053337     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053337     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053337     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053338     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053338     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053338     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053338     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053339     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053339     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053339     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053339     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053340     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053340     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053340     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053340     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053341     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053341     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053341     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053341     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053342     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053342     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053342     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053342     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053343     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
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EMISFACT L0053343     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053344     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053344     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053344     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053344     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053345     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053345     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053345     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053346     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053346     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053346     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053347     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
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EMISFACT L0053347     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053348     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
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EMISFACT L0053348     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053348     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053349     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053349     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053349     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053349     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053350     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053350     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053350     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053350     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053351     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053351     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053351     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053351     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
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EMISFACT L0053352     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053353     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053353     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053353     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053353     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053354     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
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EMISFACT L0053354     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053355     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053355     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
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EMISFACT L0053357     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053357     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053357     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053358     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053358     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053358     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053358     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053359     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053359     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053359     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053359     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053360     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053360     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053360     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053361     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
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EMISFACT L0053361     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053361     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
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EMISFACT L0053362     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053362     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053363     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053363     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053363     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053363     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053364     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053364     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053364     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053365     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053365     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053366     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053366     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053366     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053366     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053367     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053367     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053367     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053368     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053368     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053368     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053370     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053371     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053372     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053373     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
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EMISFACT L0053373     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053374     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
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EMISFACT L0053375     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053375     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
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EMISFACT L0053376     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053378     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053379     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053380     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053381     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053383     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
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EMISFACT L0053383     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053384     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053384     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053385     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
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EMISFACT L0053385     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053386     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053387     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053388     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
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EMISFACT L0053388     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053388     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
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EMISFACT L0053389     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053389     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053390     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053391     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053393     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053393     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053394     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053394     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053396     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053396     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053397     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053397     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053397     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053397     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053398     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053398     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053398     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053398     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053399     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053399     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053399     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053399     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053400     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053400     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053400     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053401     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
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EMISFACT L0053401     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053402     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053402     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053402     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053403     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053403     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053403     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053405     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
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EMISFACT L0053405     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053406     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053406     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053406     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053407     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053407     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053407     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053408     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
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EMISFACT L0053409     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053410     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
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EMISFACT L0053411     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053411     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053412     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053412     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053412     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053412     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053413     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053413     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053413     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053413     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053414     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053414     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053414     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053414     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053415     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053415     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053415     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053415     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053416     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053416     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053416     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053416     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053417     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053417     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053417     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053417     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053418     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053418     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053418     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053418     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053419     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053419     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053419     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053419     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053420     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053420     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053420     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053420     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053421     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
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EMISFACT L0053421     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053421     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053421     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053422     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053422     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053422     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053422     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053423     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053423     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053423     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053423     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053424     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053424     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053424     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053424     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053425     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053425     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053425     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053425     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053426     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053426     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053426     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053426     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053427     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053427     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053427     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053427     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053428     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053428     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053428     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053428     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053429     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053429     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053429     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053429     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053430     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053430     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053430     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053430     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053431     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053431     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053431     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053431     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053432     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053432     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053432     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053432     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
EMISFACT L0053433     HROFDY 0.03 0.03 0.07 0.52 0.92 0.93
EMISFACT L0053433     HROFDY 1.0 1.0 0.83 0.65 0.56 0.52
EMISFACT L0053433     HROFDY 0.51 0.51 0.53 0.54 0.5 0.37
EMISFACT L0053433     HROFDY 0.24 0.21 0.16 0.1 0.06 0.03
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** Variable Emissions Type: "By Hour-of-Day (HROFDY)"
** Variable Emission Scenario: "Scenario 8"
   EMISFACT L0053845     HROFDY 0.08 0.09 0.16 0.47 1.0 0.95
   EMISFACT L0053845     HROFDY 0.95 0.88 0.68 0.51 0.46 0.45
   EMISFACT L0053845     HROFDY 0.46 0.51 0.51 0.53 0.61 0.36
   EMISFACT L0053845     HROFDY 0.24 0.22 0.26 0.22 0.14 0.11
   EMISFACT L0053846     HROFDY 0.08 0.09 0.16 0.47 1.0 0.95
   EMISFACT L0053846     HROFDY 0.95 0.88 0.68 0.51 0.46 0.45
   EMISFACT L0053846     HROFDY 0.46 0.51 0.51 0.53 0.61 0.36
   EMISFACT L0053846     HROFDY 0.24 0.22 0.26 0.22 0.14 0.11
   EMISFACT L0053847     HROFDY 0.08 0.09 0.16 0.47 1.0 0.95
   EMISFACT L0053847     HROFDY 0.95 0.88 0.68 0.51 0.46 0.45
   EMISFACT L0053847     HROFDY 0.46 0.51 0.51 0.53 0.61 0.36
   EMISFACT L0053847     HROFDY 0.24 0.22 0.26 0.22 0.14 0.11
   EMISFACT L0053848     HROFDY 0.08 0.09 0.16 0.47 1.0 0.95
   EMISFACT L0053848     HROFDY 0.95 0.88 0.68 0.51 0.46 0.45
   EMISFACT L0053848     HROFDY 0.46 0.51 0.51 0.53 0.61 0.36
   EMISFACT L0053848     HROFDY 0.24 0.22 0.26 0.22 0.14 0.11
   EMISFACT L0053849     HROFDY 0.08 0.09 0.16 0.47 1.0 0.95
   EMISFACT L0053849     HROFDY 0.95 0.88 0.68 0.51 0.46 0.45
   EMISFACT L0053849     HROFDY 0.46 0.51 0.51 0.53 0.61 0.36
   EMISFACT L0053849     HROFDY 0.24 0.22 0.26 0.22 0.14 0.11
   EMISFACT L0053850     HROFDY 0.08 0.09 0.16 0.47 1.0 0.95
   EMISFACT L0053850     HROFDY 0.95 0.88 0.68 0.51 0.46 0.45
   EMISFACT L0053850     HROFDY 0.46 0.51 0.51 0.53 0.61 0.36
   EMISFACT L0053850     HROFDY 0.24 0.22 0.26 0.22 0.14 0.11
   EMISFACT L0053851     HROFDY 0.08 0.09 0.16 0.47 1.0 0.95
   EMISFACT L0053851     HROFDY 0.95 0.88 0.68 0.51 0.46 0.45
   EMISFACT L0053851     HROFDY 0.46 0.51 0.51 0.53 0.61 0.36
   EMISFACT L0053851     HROFDY 0.24 0.22 0.26 0.22 0.14 0.11
   EMISFACT L0053852     HROFDY 0.08 0.09 0.16 0.47 1.0 0.95
   EMISFACT L0053852     HROFDY 0.95 0.88 0.68 0.51 0.46 0.45
   EMISFACT L0053852     HROFDY 0.46 0.51 0.51 0.53 0.61 0.36
   EMISFACT L0053852     HROFDY 0.24 0.22 0.26 0.22 0.14 0.11
   EMISFACT L0053853     HROFDY 0.08 0.09 0.16 0.47 1.0 0.95
   EMISFACT L0053853     HROFDY 0.95 0.88 0.68 0.51 0.46 0.45
   EMISFACT L0053853     HROFDY 0.46 0.51 0.51 0.53 0.61 0.36
   EMISFACT L0053853     HROFDY 0.24 0.22 0.26 0.22 0.14 0.11
   EMISFACT L0053854     HROFDY 0.08 0.09 0.16 0.47 1.0 0.95
   EMISFACT L0053854     HROFDY 0.95 0.88 0.68 0.51 0.46 0.45
   EMISFACT L0053854     HROFDY 0.46 0.51 0.51 0.53 0.61 0.36
   EMISFACT L0053854     HROFDY 0.24 0.22 0.26 0.22 0.14 0.11
   EMISFACT L0053855     HROFDY 0.08 0.09 0.16 0.47 1.0 0.95
   EMISFACT L0053855     HROFDY 0.95 0.88 0.68 0.51 0.46 0.45
   EMISFACT L0053855     HROFDY 0.46 0.51 0.51 0.53 0.61 0.36
   EMISFACT L0053855     HROFDY 0.24 0.22 0.26 0.22 0.14 0.11
   EMISFACT L0053856     HROFDY 0.08 0.09 0.16 0.47 1.0 0.95
   EMISFACT L0053856     HROFDY 0.95 0.88 0.68 0.51 0.46 0.45
   EMISFACT L0053856     HROFDY 0.46 0.51 0.51 0.53 0.61 0.36
   EMISFACT L0053856     HROFDY 0.24 0.22 0.26 0.22 0.14 0.11
   EMISFACT L0053857     HROFDY 0.08 0.09 0.16 0.47 1.0 0.95
   EMISFACT L0053857     HROFDY 0.95 0.88 0.68 0.51 0.46 0.45
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EMISFACT L0053857     HROFDY 0.46 0.51 0.51 0.53 0.61 0.36
EMISFACT L0053857     HROFDY 0.24 0.22 0.26 0.22 0.14 0.11
EMISFACT L0053858     HROFDY 0.08 0.09 0.16 0.47 1.0 0.95
EMISFACT L0053858     HROFDY 0.95 0.88 0.68 0.51 0.46 0.45
EMISFACT L0053858     HROFDY 0.46 0.51 0.51 0.53 0.61 0.36
EMISFACT L0053858     HROFDY 0.24 0.22 0.26 0.22 0.14 0.11
EMISFACT L0053859     HROFDY 0.08 0.09 0.16 0.47 1.0 0.95
EMISFACT L0053859     HROFDY 0.95 0.88 0.68 0.51 0.46 0.45
EMISFACT L0053859     HROFDY 0.46 0.51 0.51 0.53 0.61 0.36
EMISFACT L0053859     HROFDY 0.24 0.22 0.26 0.22 0.14 0.11
EMISFACT L0053860     HROFDY 0.08 0.09 0.16 0.47 1.0 0.95
EMISFACT L0053860     HROFDY 0.95 0.88 0.68 0.51 0.46 0.45
EMISFACT L0053860     HROFDY 0.46 0.51 0.51 0.53 0.61 0.36
EMISFACT L0053860     HROFDY 0.24 0.22 0.26 0.22 0.14 0.11
EMISFACT L0053861     HROFDY 0.08 0.09 0.16 0.47 1.0 0.95
EMISFACT L0053861     HROFDY 0.95 0.88 0.68 0.51 0.46 0.45
EMISFACT L0053861     HROFDY 0.46 0.51 0.51 0.53 0.61 0.36
EMISFACT L0053861     HROFDY 0.24 0.22 0.26 0.22 0.14 0.11
EMISFACT L0053862     HROFDY 0.08 0.09 0.16 0.47 1.0 0.95
EMISFACT L0053862     HROFDY 0.95 0.88 0.68 0.51 0.46 0.45
EMISFACT L0053862     HROFDY 0.46 0.51 0.51 0.53 0.61 0.36
EMISFACT L0053862     HROFDY 0.24 0.22 0.26 0.22 0.14 0.11
EMISFACT L0053863     HROFDY 0.08 0.09 0.16 0.47 1.0 0.95
EMISFACT L0053863     HROFDY 0.95 0.88 0.68 0.51 0.46 0.45
EMISFACT L0053863     HROFDY 0.46 0.51 0.51 0.53 0.61 0.36
EMISFACT L0053863     HROFDY 0.24 0.22 0.26 0.22 0.14 0.11
EMISFACT L0053864     HROFDY 0.08 0.09 0.16 0.47 1.0 0.95
EMISFACT L0053864     HROFDY 0.95 0.88 0.68 0.51 0.46 0.45
EMISFACT L0053864     HROFDY 0.46 0.51 0.51 0.53 0.61 0.36
EMISFACT L0053864     HROFDY 0.24 0.22 0.26 0.22 0.14 0.11
EMISFACT L0053865     HROFDY 0.08 0.09 0.16 0.47 1.0 0.95
EMISFACT L0053865     HROFDY 0.95 0.88 0.68 0.51 0.46 0.45
EMISFACT L0053865     HROFDY 0.46 0.51 0.51 0.53 0.61 0.36
EMISFACT L0053865     HROFDY 0.24 0.22 0.26 0.22 0.14 0.11
EMISFACT L0053866     HROFDY 0.08 0.09 0.16 0.47 1.0 0.95
EMISFACT L0053866     HROFDY 0.95 0.88 0.68 0.51 0.46 0.45
EMISFACT L0053866     HROFDY 0.46 0.51 0.51 0.53 0.61 0.36
EMISFACT L0053866     HROFDY 0.24 0.22 0.26 0.22 0.14 0.11
EMISFACT L0053867     HROFDY 0.08 0.09 0.16 0.47 1.0 0.95
EMISFACT L0053867     HROFDY 0.95 0.88 0.68 0.51 0.46 0.45
EMISFACT L0053867     HROFDY 0.46 0.51 0.51 0.53 0.61 0.36
EMISFACT L0053867     HROFDY 0.24 0.22 0.26 0.22 0.14 0.11
EMISFACT L0053868     HROFDY 0.08 0.09 0.16 0.47 1.0 0.95
EMISFACT L0053868     HROFDY 0.95 0.88 0.68 0.51 0.46 0.45
EMISFACT L0053868     HROFDY 0.46 0.51 0.51 0.53 0.61 0.36
EMISFACT L0053868     HROFDY 0.24 0.22 0.26 0.22 0.14 0.11
EMISFACT L0053869     HROFDY 0.08 0.09 0.16 0.47 1.0 0.95
EMISFACT L0053869     HROFDY 0.95 0.88 0.68 0.51 0.46 0.45
EMISFACT L0053869     HROFDY 0.46 0.51 0.51 0.53 0.61 0.36
EMISFACT L0053869     HROFDY 0.24 0.22 0.26 0.22 0.14 0.11
EMISFACT L0053870     HROFDY 0.08 0.09 0.16 0.47 1.0 0.95
EMISFACT L0053870     HROFDY 0.95 0.88 0.68 0.51 0.46 0.45
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EMISFACT L0053870     HROFDY 0.46 0.51 0.51 0.53 0.61 0.36
EMISFACT L0053870     HROFDY 0.24 0.22 0.26 0.22 0.14 0.11
EMISFACT L0053871     HROFDY 0.08 0.09 0.16 0.47 1.0 0.95
EMISFACT L0053871     HROFDY 0.95 0.88 0.68 0.51 0.46 0.45
EMISFACT L0053871     HROFDY 0.46 0.51 0.51 0.53 0.61 0.36
EMISFACT L0053871     HROFDY 0.24 0.22 0.26 0.22 0.14 0.11
EMISFACT L0053872     HROFDY 0.08 0.09 0.16 0.47 1.0 0.95
EMISFACT L0053872     HROFDY 0.95 0.88 0.68 0.51 0.46 0.45
EMISFACT L0053872     HROFDY 0.46 0.51 0.51 0.53 0.61 0.36
EMISFACT L0053872     HROFDY 0.24 0.22 0.26 0.22 0.14 0.11
EMISFACT L0053873     HROFDY 0.08 0.09 0.16 0.47 1.0 0.95
EMISFACT L0053873     HROFDY 0.95 0.88 0.68 0.51 0.46 0.45
EMISFACT L0053873     HROFDY 0.46 0.51 0.51 0.53 0.61 0.36
EMISFACT L0053873     HROFDY 0.24 0.22 0.26 0.22 0.14 0.11
EMISFACT L0053874     HROFDY 0.08 0.09 0.16 0.47 1.0 0.95
EMISFACT L0053874     HROFDY 0.95 0.88 0.68 0.51 0.46 0.45
EMISFACT L0053874     HROFDY 0.46 0.51 0.51 0.53 0.61 0.36
EMISFACT L0053874     HROFDY 0.24 0.22 0.26 0.22 0.14 0.11
EMISFACT L0053875     HROFDY 0.08 0.09 0.16 0.47 1.0 0.95
EMISFACT L0053875     HROFDY 0.95 0.88 0.68 0.51 0.46 0.45
EMISFACT L0053875     HROFDY 0.46 0.51 0.51 0.53 0.61 0.36
EMISFACT L0053875     HROFDY 0.24 0.22 0.26 0.22 0.14 0.11
EMISFACT L0053876     HROFDY 0.08 0.09 0.16 0.47 1.0 0.95
EMISFACT L0053876     HROFDY 0.95 0.88 0.68 0.51 0.46 0.45
EMISFACT L0053876     HROFDY 0.46 0.51 0.51 0.53 0.61 0.36
EMISFACT L0053876     HROFDY 0.24 0.22 0.26 0.22 0.14 0.11
EMISFACT L0053877     HROFDY 0.08 0.09 0.16 0.47 1.0 0.95
EMISFACT L0053877     HROFDY 0.95 0.88 0.68 0.51 0.46 0.45
EMISFACT L0053877     HROFDY 0.46 0.51 0.51 0.53 0.61 0.36
EMISFACT L0053877     HROFDY 0.24 0.22 0.26 0.22 0.14 0.11
EMISFACT L0053878     HROFDY 0.08 0.09 0.16 0.47 1.0 0.95
EMISFACT L0053878     HROFDY 0.95 0.88 0.68 0.51 0.46 0.45
EMISFACT L0053878     HROFDY 0.46 0.51 0.51 0.53 0.61 0.36
EMISFACT L0053878     HROFDY 0.24 0.22 0.26 0.22 0.14 0.11
EMISFACT L0053879     HROFDY 0.08 0.09 0.16 0.47 1.0 0.95
EMISFACT L0053879     HROFDY 0.95 0.88 0.68 0.51 0.46 0.45
EMISFACT L0053879     HROFDY 0.46 0.51 0.51 0.53 0.61 0.36
EMISFACT L0053879     HROFDY 0.24 0.22 0.26 0.22 0.14 0.11
EMISFACT L0053880     HROFDY 0.08 0.09 0.16 0.47 1.0 0.95
EMISFACT L0053880     HROFDY 0.95 0.88 0.68 0.51 0.46 0.45
EMISFACT L0053880     HROFDY 0.46 0.51 0.51 0.53 0.61 0.36
EMISFACT L0053880     HROFDY 0.24 0.22 0.26 0.22 0.14 0.11
EMISFACT L0053881     HROFDY 0.08 0.09 0.16 0.47 1.0 0.95
EMISFACT L0053881     HROFDY 0.95 0.88 0.68 0.51 0.46 0.45
EMISFACT L0053881     HROFDY 0.46 0.51 0.51 0.53 0.61 0.36
EMISFACT L0053881     HROFDY 0.24 0.22 0.26 0.22 0.14 0.11
EMISFACT L0053882     HROFDY 0.08 0.09 0.16 0.47 1.0 0.95
EMISFACT L0053882     HROFDY 0.95 0.88 0.68 0.51 0.46 0.45
EMISFACT L0053882     HROFDY 0.46 0.51 0.51 0.53 0.61 0.36
EMISFACT L0053882     HROFDY 0.24 0.22 0.26 0.22 0.14 0.11
EMISFACT L0053883     HROFDY 0.08 0.09 0.16 0.47 1.0 0.95
EMISFACT L0053883     HROFDY 0.95 0.88 0.68 0.51 0.46 0.45
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EMISFACT L0053883     HROFDY 0.46 0.51 0.51 0.53 0.61 0.36
EMISFACT L0053883     HROFDY 0.24 0.22 0.26 0.22 0.14 0.11
EMISFACT L0053884     HROFDY 0.08 0.09 0.16 0.47 1.0 0.95
EMISFACT L0053884     HROFDY 0.95 0.88 0.68 0.51 0.46 0.45
EMISFACT L0053884     HROFDY 0.46 0.51 0.51 0.53 0.61 0.36
EMISFACT L0053884     HROFDY 0.24 0.22 0.26 0.22 0.14 0.11
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EMISFACT L0053885     HROFDY 0.95 0.88 0.68 0.51 0.46 0.45
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SO FINISHED
**
**********************************
** AERMOD Receptor Pathway
**********************************
**
**
RE STARTING
   INCLUDED SR91_Unit.rou
RE FINISHED
**
**********************************
** AERMOD Meteorology Pathway
**********************************
**
**
ME STARTING
   SURFFILE ..\RiversideAirportADJU\KRAL_V9_ADJU\KRAL_v9.SFC
   PROFFILE ..\RiversideAirportADJU\KRAL_V9_ADJU\KRAL_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   PROFBASE 245.0 METERS
ME FINISHED
**
**********************************
** AERMOD Output Pathway
**********************************
**
**
OU STARTING
** Auto-Generated Plotfiles
   PLOTFILE ANNUAL SR91E14 SR91_UNIT.AD\AN00G001.PLT 31
   PLOTFILE ANNUAL SR91E56 SR91_UNIT.AD\AN00G002.PLT 32
   PLOTFILE ANNUAL SR91EHOV SR91_UNIT.AD\AN00G003.PLT 33
   PLOTFILE ANNUAL SR91ERAM SR91_UNIT.AD\AN00G004.PLT 34
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   PLOTFILE ANNUAL SR91W14 SR91_UNIT.AD\AN00G005.PLT 35
   PLOTFILE ANNUAL SR91W56 SR91_UNIT.AD\AN00G006.PLT 36
   PLOTFILE ANNUAL SR91WHOV SR91_UNIT.AD\AN00G007.PLT 37
   PLOTFILE ANNUAL SR91WRAM SR91_UNIT.AD\AN00G008.PLT 38
   SUMMFILE SR91_Unit.sum
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

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

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


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


    ********   WARNING MESSAGES   ********
 ME W186    7768       MEOPEN: THRESH_1MIN 1-min ASOS wind speed
threshold used          0.50
 ME W187    7768       MEOPEN: ADJ_U* Option for Stable Low Winds used
in AERMET

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


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                ***     MODEL SETUP
OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -

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

   --  DEPOSITION LOGIC  --
 **NO GAS DEPOSITION Data Provided.
 **NO PARTICLE DEPOSITION Data Provided.
 **Model Uses NO DRY DEPLETION.  DRYDPLT  =  F
 **Model Uses NO WET DEPLETION.  WETDPLT  =  F
```

```
 **Model Uses URBAN Dispersion Algorithm for the SBL for  1200
Source(s),
   for Total of    1 Urban Area(s):
   Urban Population =   2189264.0 ;  Urban Roughness Length =  1.000 m

 **Model Uses Regulatory DEFAULT Options:
        1. Stack-tip Downwash.
        2. Model Accounts for ELEVated Terrain Effects.
        3. Use Calms Processing Routine.
        4. Use Missing Data Processing Routine.
        5. No Exponential Decay.
        6. Urban Roughness Length of 1.0 Meter Assumed.

 **Other Options Specified:
        ADJ_U*   - Use ADJ_U* option for SBL in AERMET
        CCVR_Sub - Meteorological data includes CCVR substitutions
        TEMP_Sub - Meteorological data includes TEMP substitutions

 **Model Assumes No FLAGPOLE Receptor Heights.

 **The User Specified a Pollutant Type of:  UNITEMIS

 **Model Calculates ANNUAL Averages Only

 **This Run Includes:   1200 Source(s);       8 Source Group(s); and
721 Receptor(s)

               with:      0 POINT(s), including
                          0 POINTCAP(s) and      0 POINTHOR(s)
                and:   1200 VOLUME source(s)
                and:      0 AREA type source(s)
                and:      0 LINE source(s)
                and:      0 OPENPIT source(s)
                and:      0 BUOYANT LINE source(s) with      0 line(s)


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

 **The AERMET Input Meteorological Data Version Date:  16216

 **Output Options Selected:
         Model Outputs Tables of ANNUAL Averages by Receptor
         Model Outputs External File(s) of High Values for Plotting
(PLOTFILE Keyword)
         Model Outputs Separate Summary File of High Ranked Values
(SUMMFILE Keyword)

 **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: Base Elev. for Pot. Temp. Profile (m MSL) =
245.00 ; Decay Coef. =   0.000   ; 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 =   4.5 MB of RAM.

 **Input Runstream File: aermod.inp
 **Output Print File: aermod.out

 **Detailed Error/Message File: SR91_Unit.err
 **File for Summary of Results: SR91_Unit.sum

 *** AERMOD - VERSION 18081 ***   *** Trails of Corona SR91 Freeway
***   08/06/18
 *** AERMET - VERSION 16216 ***   *** Annual Average Unit Emissions
***   15:14:42

PAGE   2
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                  *** VOLUME SOURCE
DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE
INIT.   INIT.   URBAN EMISSION RATE
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT
SY   SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS)
(METERS) (METERS)   BY
 -
- -

 L0052742   0   0.52632E-02 444447.7 3749114.0   207.1   3.66
5.95   0.85   YES   HROFDY
 L0052743   0   0.52632E-02 444435.1 3749111.8   207.2   3.66
5.95   0.85   YES   HROFDY
 L0052744   0   0.52632E-02 444422.5 3749109.6   207.2   3.66
5.95   0.85   YES   HROFDY
 L0052745   0   0.52632E-02 444409.9 3749107.3   207.3   3.66
5.95   0.85   YES   HROFDY
 L0052746   0   0.52632E-02 444397.3 3749105.1   207.3   3.66
5.95   0.85   YES   HROFDY
 L0052747   0   0.52632E-02 444384.7 3749102.9   207.0   3.66
5.95   0.85   YES   HROFDY

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 L0052748          0   0.52632E-02  444372.1 3749100.7   206.6     3.66
5.95     0.85     YES   HROFDY
 L0052749          0   0.52632E-02  444359.5 3749098.5   206.3     3.66
5.95     0.85     YES   HROFDY
 L0052750          0   0.52632E-02  444346.8 3749096.6   205.9     3.66
5.95     0.85     YES   HROFDY
 L0052751          0   0.52632E-02  444334.1 3749094.9   205.6     3.66
5.95     0.85     YES   HROFDY
 L0052752          0   0.52632E-02  444321.4 3749093.2   205.3     3.66
5.95     0.85     YES   HROFDY
 L0052753          0   0.52632E-02  444308.7 3749091.6   205.0     3.66
5.95     0.85     YES   HROFDY
 L0052754          0   0.52632E-02  444296.0 3749089.9   205.0     3.66
5.95     0.85     YES   HROFDY
 L0052755          0   0.52632E-02  444283.3 3749088.2   205.0     3.66
5.95     0.85     YES   HROFDY
 L0052756          0   0.52632E-02  444270.8 3749085.7   205.0     3.66
5.95     0.85     YES   HROFDY
 L0052757          0   0.52632E-02  444258.2 3749083.2   205.1     3.66
5.95     0.85     YES   HROFDY
 L0052758          0   0.52632E-02  444245.7 3749080.7   205.2     3.66
5.95     0.85     YES   HROFDY
 L0052759          0   0.52632E-02  444233.1 3749078.4   205.3     3.66
5.95     0.85     YES   HROFDY
 L0052760          0   0.52632E-02  444220.4 3749076.7   205.3     3.66
5.95     0.85     YES   HROFDY
 L0052761          0   0.52632E-02  444207.8 3749074.6   205.8     3.66
5.95     0.85     YES   HROFDY
 L0052762          0   0.52632E-02  444195.3 3749071.6   206.3     3.66
5.95     0.85     YES   HROFDY
 L0052763          0   0.52632E-02  444182.8 3749069.4   206.7     3.66
5.95     0.85     YES   HROFDY
 L0052764          0   0.52632E-02  444170.1 3749067.4   206.9     3.66
5.95     0.85     YES   HROFDY
 L0052765          0   0.52632E-02  444157.4 3749065.5   207.0     3.66
5.95     0.85     YES   HROFDY
 L0052766          0   0.52632E-02  444144.8 3749063.5   206.9     3.66
5.95     0.85     YES   HROFDY
 L0052767          0   0.52632E-02  444132.1 3749061.5   206.8     3.66
5.95     0.85     YES   HROFDY
 L0052768          0   0.52632E-02  444119.5 3749059.8   206.6     3.66
5.95     0.85     YES   HROFDY
 L0052769          0   0.52632E-02  444106.8 3749058.2   206.2     3.66
5.95     0.85     YES   HROFDY
 L0052770          0   0.52632E-02  444094.1 3749056.6   205.8     3.66
5.95     0.85     YES   HROFDY
 L0052771          0   0.52632E-02  444081.4 3749055.0   205.4     3.66
5.95     0.85     YES   HROFDY
 L0052772          0   0.52632E-02  444068.7 3749053.3   205.1     3.66
5.95     0.85     YES   HROFDY
 L0052773          0   0.52632E-02  444056.0 3749051.6   205.1     3.66
5.95     0.85     YES   HROFDY
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 L0052774          0   0.52632E-02  444043.2 3749050.6   205.0     3.66
5.95     0.85     YES   HROFDY
 L0052775          0   0.52632E-02  444030.5 3749049.7   204.8     3.66
5.95     0.85     YES   HROFDY
 L0052776          0   0.52632E-02  444017.7 3749048.7   204.5     3.66
5.95     0.85     YES   HROFDY
 L0052777          0   0.52632E-02  444004.9 3749047.8   204.2     3.66
5.95     0.85     YES   HROFDY
 L0052778          0   0.52632E-02  443992.1 3749047.6   204.1     3.66
5.95     0.85     YES   HROFDY
 L0052779          0   0.52632E-02  443979.3 3749047.9   204.0     3.66
5.95     0.85     YES   HROFDY
 L0052780          0   0.52632E-02  443966.5 3749048.0   204.0     3.66
5.95     0.85     YES   HROFDY
 L0052781          0   0.52632E-02  443953.7 3749048.2   204.0     3.66
5.95     0.85     YES   HROFDY

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                      *** VOLUME SOURCE
DATA ***

               NUMBER EMISSION RATE                      BASE    RELEASE
INIT.    INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT
SY       SZ     SOURCE  SCALAR VARY
     ID          CATS.               (METERS) (METERS) (METERS) (METERS)
(METERS) (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 L0052782          0   0.52632E-02  443940.9 3749048.3   203.8     3.66
5.95     0.85     YES   HROFDY
 L0052783          0   0.52632E-02  443928.1 3749048.5   203.5     3.66
5.95     0.85     YES   HROFDY
 L0052784          0   0.52632E-02  443915.3 3749048.7   203.2     3.66
5.95     0.85     YES   HROFDY
 L0052785          0   0.52632E-02  443902.5 3749048.8   203.1     3.66
5.95     0.85     YES   HROFDY
 L0052786          0   0.52632E-02  443889.7 3749049.0   203.0     3.66
5.95     0.85     YES   HROFDY
 L0052787          0   0.52632E-02  443876.9 3749049.1   202.7     3.66
5.95     0.85     YES   HROFDY
 L0052788          0   0.52632E-02  443864.1 3749049.3   202.4     3.66
5.95     0.85     YES   HROFDY
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 L0052789          0   0.52632E-02  443851.3 3749049.6   202.2     3.66
5.95     0.85     YES   HROFDY
 L0052790          0   0.52632E-02  443838.6 3749050.9   202.1     3.66
5.95     0.85     YES   HROFDY
 L0052791          0   0.52632E-02  443825.9 3749052.2   201.9     3.66
5.95     0.85     YES   HROFDY
 L0052792          0   0.52632E-02  443813.1 3749053.5   201.5     3.66
5.95     0.85     YES   HROFDY
 L0052793          0   0.52632E-02  443800.4 3749054.8   201.1     3.66
5.95     0.85     YES   HROFDY
 L0052794          0   0.52632E-02  443787.7 3749056.1   201.0     3.66
5.95     0.85     YES   HROFDY
 L0052795          0   0.52632E-02  443775.0 3749057.6   201.0     3.66
5.95     0.85     YES   HROFDY
 L0052796          0   0.52632E-02  443762.3 3749059.5   200.9     3.66
5.95     0.85     YES   HROFDY
 L0052797          0   0.52632E-02  443749.6 3749061.3   200.7     3.66
5.95     0.85     YES   HROFDY
 L0052798          0   0.52632E-02  443736.9 3749063.1   200.4     3.66
5.95     0.85     YES   HROFDY
 L0052799          0   0.52632E-02  443724.3 3749064.9   199.6     3.66
5.95     0.85     YES   HROFDY
 L0052800          0   0.52632E-02  443711.6 3749066.7   198.8     3.66
5.95     0.85     YES   HROFDY
 L0052801          0   0.52632E-02  443698.9 3749068.6   198.2     3.66
5.95     0.85     YES   HROFDY
 L0052802          0   0.52632E-02  443686.3 3749070.5   197.8     3.66
5.95     0.85     YES   HROFDY
 L0052803          0   0.52632E-02  443673.6 3749072.5   197.4     3.66
5.95     0.85     YES   HROFDY
 L0052804          0   0.52632E-02  443661.0 3749074.4   197.0     3.66
5.95     0.85     YES   HROFDY
 L0052805          0   0.52632E-02  443648.3 3749076.4   196.7     3.66
5.95     0.85     YES   HROFDY
 L0052806          0   0.52632E-02  443635.7 3749078.4   196.9     3.66
5.95     0.85     YES   HROFDY
 L0052807          0   0.52632E-02  443623.0 3749080.5   197.1     3.66
5.95     0.85     YES   HROFDY
 L0052808          0   0.52632E-02  443610.4 3749082.5   197.1     3.66
5.95     0.85     YES   HROFDY
 L0052809          0   0.52632E-02  443597.8 3749084.5   197.1     3.66
5.95     0.85     YES   HROFDY
 L0052810          0   0.52632E-02  443585.1 3749086.5   197.0     3.66
5.95     0.85     YES   HROFDY
 L0052811          0   0.52632E-02  443572.5 3749088.6   196.9     3.66
5.95     0.85     YES   HROFDY
 L0052812          0   0.52632E-02  443559.8 3749090.6   196.9     3.66
5.95     0.85     YES   HROFDY
 L0052813          0   0.52632E-02  443547.2 3749092.6   196.8     3.66
5.95     0.85     YES   HROFDY
 L0052814          0   0.52632E-02  443534.6 3749094.6   196.7     3.66
5.95     0.85     YES   HROFDY
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 L0052815         0   0.52632E-02  443521.9 3749096.7   196.5     3.66
5.95     0.85     YES   HROFDY
 L0052816         0   0.52632E-02  443509.3 3749098.7   196.2     3.66
5.95     0.85     YES   HROFDY
 L0052817         0   0.52632E-02  443496.6 3749100.7   196.0     3.66
5.95     0.85     YES   HROFDY
 L0052818         0   0.52632E-02  443484.0 3749102.7   195.7     3.66
5.95     0.85     YES   HROFDY
 L0052819         0   0.52632E-02  443471.4 3749104.7   195.4     3.66
5.95     0.85     YES   HROFDY
 L0052820         0   0.52632E-02  443458.7 3749106.8   195.2     3.66
5.95     0.85     YES   HROFDY
 L0052821         0   0.52632E-02  443446.1 3749108.8   195.1     3.66
5.95     0.85     YES   HROFDY

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
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PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                      *** VOLUME SOURCE
DATA ***

               NUMBER EMISSION RATE                      BASE    RELEASE
INIT.    INIT.   URBAN  EMISSION RATE
   SOURCE        PART.  (GRAMS/SEC)     X         Y      ELEV.   HEIGHT
SY       SZ     SOURCE  SCALAR VARY
     ID          CATS.                (METERS)  (METERS)  (METERS)  (METERS)
(METERS)  (METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 L0052822         0   0.52632E-02  443433.4 3749110.8   194.8     3.66
5.95     0.85     YES   HROFDY
 L0052823         0   0.52632E-02  443420.8 3749112.8   194.4     3.66
5.95     0.85     YES   HROFDY
 L0052824         0   0.52632E-02  443408.2 3749114.9   194.0     3.66
5.95     0.85     YES   HROFDY
 L0052825         0   0.52632E-02  443395.5 3749116.9   193.5     3.66
5.95     0.85     YES   HROFDY
 L0052826         0   0.52632E-02  443382.9 3749118.9   193.1     3.66
5.95     0.85     YES   HROFDY
 L0052827         0   0.52632E-02  443370.2 3749120.9   193.0     3.66
5.95     0.85     YES   HROFDY
 L0052828         0   0.52632E-02  443357.6 3749123.0   192.8     3.66
5.95     0.85     YES   HROFDY
 L0052829         0   0.52632E-02  443345.0 3749125.0   192.6     3.66
5.95     0.85     YES   HROFDY
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 L0052830          0   0.52632E-02  443332.4 3749127.3   192.3     3.66
5.95     0.85     YES   HROFDY
 L0052831          0   0.52632E-02  443319.8 3749129.6   192.0     3.66
5.95     0.85     YES   HROFDY
 L0052832          0   0.52632E-02  443307.2 3749131.9   191.6     3.66
5.95     0.85     YES   HROFDY
 L0052833          0   0.52632E-02  443294.6 3749134.2   191.2     3.66
5.95     0.85     YES   HROFDY
 L0052834          0   0.52632E-02  443282.0 3749136.4   190.8     3.66
5.95     0.85     YES   HROFDY
 L0052835          0   0.52632E-02  443269.4 3749138.7   190.5     3.66
5.95     0.85     YES   HROFDY
 L0052836          0   0.52632E-02  443256.8 3749141.0   190.1     3.66
5.95     0.85     YES   HROFDY
 L0052837          0   0.52632E-02  443244.2 3749143.3   189.6     3.66
5.95     0.85     YES   HROFDY
 L0052838          0   0.52632E-02  443231.6 3749145.6   189.1     3.66
5.95     0.85     YES   HROFDY
 L0052839          0   0.52632E-02  443219.0 3749147.7   189.0     3.66
5.95     0.85     YES   HROFDY
 L0052840          0   0.52632E-02  443206.3 3749149.7   188.9     3.66
5.95     0.85     YES   HROFDY
 L0052841          0   0.52632E-02  443193.7 3749151.6   188.7     3.66
5.95     0.85     YES   HROFDY
 L0052842          0   0.52632E-02  443181.0 3749153.6   188.3     3.66
5.95     0.85     YES   HROFDY
 L0052843          0   0.52632E-02  443168.4 3749155.7   188.0     3.66
5.95     0.85     YES   HROFDY
 L0052844          0   0.52632E-02  443155.8 3749157.7   187.8     3.66
5.95     0.85     YES   HROFDY
 L0052845          0   0.52632E-02  443143.1 3749159.8   187.6     3.66
5.95     0.85     YES   HROFDY
 L0052846          0   0.52632E-02  443130.5 3749161.8   187.2     3.66
5.95     0.85     YES   HROFDY
 L0052847          0   0.52632E-02  443117.8 3749163.9   186.7     3.66
5.95     0.85     YES   HROFDY
 L0052848          0   0.52632E-02  443105.2 3749165.9   186.3     3.66
5.95     0.85     YES   HROFDY
 L0052849          0   0.52632E-02  443092.6 3749168.0   186.1     3.66
5.95     0.85     YES   HROFDY
 L0052850          0   0.52632E-02  443079.9 3749170.1   186.0     3.66
5.95     0.85     YES   HROFDY
 L0052851          0   0.52632E-02  443067.3 3749172.2   185.7     3.66
5.95     0.85     YES   HROFDY
 L0052852          0   0.52632E-02  443054.7 3749174.3   185.2     3.66
5.95     0.85     YES   HROFDY
 L0052853          0   0.52632E-02  443042.1 3749176.4   185.0     3.66
5.95     0.85     YES   HROFDY
 L0052854          0   0.52632E-02  443029.4 3749178.5   185.0     3.66
5.95     0.85     YES   HROFDY
 L0052855          0   0.52632E-02  443016.8 3749180.6   184.9     3.66
5.95     0.85     YES   HROFDY
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 L0052856          0   0.52632E-02  443004.2 3749182.7   184.5     3.66
5.95     0.85     YES   HROFDY
 L0052857          0   0.52632E-02  442991.5 3749184.7   184.1     3.66
5.95     0.85     YES   HROFDY
 L0052858          0   0.52632E-02  442978.9 3749186.6   184.0     3.66
5.95     0.85     YES   HROFDY
 L0052859          0   0.52632E-02  442966.2 3749188.6   184.0     3.66
5.95     0.85     YES   HROFDY
 L0052860          0   0.52632E-02  442953.6 3749190.6   183.8     3.66
5.95     0.85     YES   HROFDY
 L0052861          0   0.52632E-02  442940.9 3749192.6   183.4     3.66
5.95     0.85     YES   HROFDY

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE   5
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE
DATA ***

               NUMBER EMISSION RATE                     BASE    RELEASE
INIT.    INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT
SY       SZ     SOURCE  SCALAR VARY
     ID          CATS.               (METERS) (METERS) (METERS) (METERS)
(METERS) (METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 L0052862          0   0.52632E-02  442928.3 3749194.5   182.9     3.66
5.95     0.85     YES   HROFDY
 L0052863          0   0.52632E-02  442915.6 3749196.5   181.8     3.66
5.95     0.85     YES   HROFDY
 L0052864          0   0.52632E-02  442903.0 3749198.5   180.4     3.66
5.95     0.85     YES   HROFDY
 L0052865          0   0.52632E-02  442890.3 3749200.5   179.2     3.66
5.95     0.85     YES   HROFDY
 L0052866          0   0.52632E-02  442877.7 3749202.5   178.1     3.66
5.95     0.85     YES   HROFDY
 L0052867          0   0.52632E-02  442865.1 3749204.5   177.4     3.66
5.95     0.85     YES   HROFDY
 L0052868          0   0.52632E-02  442852.4 3749206.6   177.6     3.66
5.95     0.85     YES   HROFDY
 L0052869          0   0.52632E-02  442839.8 3749208.6   177.9     3.66
5.95     0.85     YES   HROFDY
 L0052870          0   0.52632E-02  442827.1 3749210.6   178.2     3.66
5.95     0.85     YES   HROFDY
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 L0052871          0   0.52632E-02  442814.5 3749212.7   178.4     3.66
5.95     0.85     YES   HROFDY
 L0052872          0   0.52632E-02  442801.9 3749214.7   178.5     3.66
5.95     0.85     YES   HROFDY
 L0052873          0   0.52632E-02  442789.2 3749216.8   178.5     3.66
5.95     0.85     YES   HROFDY
 L0052874          0   0.52632E-02  442776.6 3749218.8   178.6     3.66
5.95     0.85     YES   HROFDY
 L0052875          0   0.52632E-02  442763.9 3749220.8   178.8     3.66
5.95     0.85     YES   HROFDY
 L0052876          0   0.52632E-02  442751.3 3749222.6   178.9     3.66
5.95     0.85     YES   HROFDY
 L0052877          0   0.52632E-02  442738.6 3749224.3   179.0     3.66
5.95     0.85     YES   HROFDY
 L0052878          0   0.52632E-02  442725.9 3749226.1   179.2     3.66
5.95     0.85     YES   HROFDY
 L0052879          0   0.52632E-02  442713.2 3749227.9   179.7     3.66
5.95     0.85     YES   HROFDY
 L0052880          0   0.52632E-02  442700.6 3749229.7   180.6     3.66
5.95     0.85     YES   HROFDY
 L0052881          0   0.52632E-02  442687.9 3749231.5   181.4     3.66
5.95     0.85     YES   HROFDY
 L0052882          0   0.52632E-02  442675.2 3749233.3   182.0     3.66
5.95     0.85     YES   HROFDY
 L0052883          0   0.52632E-02  442662.5 3749235.1   182.8     3.66
5.95     0.85     YES   HROFDY
 L0052884          0   0.52632E-02  442649.9 3749236.9   182.9     3.66
5.95     0.85     YES   HROFDY
 L0052885          0   0.52632E-02  442637.2 3749238.7   182.7     3.66
5.95     0.85     YES   HROFDY
 L0052886          0   0.52632E-02  442624.5 3749240.5   182.5     3.66
5.95     0.85     YES   HROFDY
 L0052887          0   0.52632E-02  442611.8 3749242.3   182.3     3.66
5.95     0.85     YES   HROFDY
 L0052888          0   0.52632E-02  442599.2 3749244.1   182.2     3.66
5.95     0.85     YES   HROFDY
 L0052889          0   0.52632E-02  442586.5 3749245.9   181.3     3.66
5.95     0.85     YES   HROFDY
 L0052890          0   0.52632E-02  442573.9 3749247.9   180.3     3.66
5.95     0.85     YES   HROFDY
 L0052891          0   0.52632E-02  442561.3 3749250.4   179.4     3.66
5.95     0.85     YES   HROFDY
 L0052892          0   0.52632E-02  442548.7 3749252.8   178.6     3.66
5.95     0.85     YES   HROFDY
 L0052893          0   0.52632E-02  442536.2 3749255.3   178.2     3.66
5.95     0.85     YES   HROFDY
 L0052894          0   0.52632E-02  442523.6 3749257.7   178.5     3.66
5.95     0.85     YES   HROFDY
 L0052895          0   0.52632E-02  442511.6 3749262.2   178.9     3.66
5.95     0.85     YES   HROFDY
 L0052896          0   0.52632E-02  442499.6 3749266.7   179.0     3.66
5.95     0.85     YES   HROFDY
```

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 L0052897         0   0.52632E-02  442487.7 3749271.2   179.0     3.66
5.95     0.85     YES   HROFDY
 L0052898         0   0.52632E-02  442475.6 3749275.7   178.9     3.66
5.95     0.85     YES   HROFDY
 L0052899         0   0.52632E-02  442463.5 3749279.7   178.5     3.66
5.95     0.85     YES   HROFDY
 L0052900         0   0.52632E-02  442451.4 3749283.8   178.1     3.66
5.95     0.85     YES   HROFDY
 L0052901         0   0.52632E-02  442439.2 3749287.9   177.7     3.66
5.95     0.85     YES   HROFDY
```



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                                                      *** VOLUME SOURCE
DATA ***

               NUMBER EMISSION RATE                     BASE    RELEASE
INIT.    INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT
SY       SZ     SOURCE  SCALAR VARY
     ID          CATS.                (METERS) (METERS) (METERS) (METERS)
(METERS) (METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - -

 L0052902         0   0.52632E-02  442427.1 3749292.0   177.3     3.66
5.95     0.85     YES   HROFDY
 L0052903         0   0.52632E-02  442415.0 3749296.1   176.7     3.66
5.95     0.85     YES   HROFDY
 L0052904         0   0.52632E-02  442402.9 3749300.2   175.8     3.66
5.95     0.85     YES   HROFDY
 L0052905         0   0.52632E-02  442390.7 3749304.3   174.8     3.66
5.95     0.85     YES   HROFDY
 L0052906         0   0.52632E-02  442378.6 3749308.3   174.6     3.66
5.95     0.85     YES   HROFDY
 L0052907         0   0.52632E-02  442366.6 3749312.9   174.4     3.66
5.95     0.85     YES   HROFDY
 L0052908         0   0.52632E-02  442354.7 3749317.7   174.4     3.66
5.95     0.85     YES   HROFDY
 L0052909         0   0.52632E-02  442342.9 3749322.4   174.7     3.66
5.95     0.85     YES   HROFDY
 L0052910         0   0.52632E-02  442331.0 3749327.2   174.9     3.66
5.95     0.85     YES   HROFDY
 L0052911         0   0.52632E-02  442319.1 3749331.9   175.6     3.66
5.95     0.85     YES   HROFDY
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 L0052912          0   0.52632E-02  442307.2 3749336.7   176.4     3.66
5.95     0.85     YES   HROFDY
 L0052913          0   0.52632E-02  442295.3 3749341.4   177.1     3.66
5.95     0.85     YES   HROFDY
 L0052914          0   0.52632E-02  442283.4 3749346.2   177.5     3.66
5.95     0.85     YES   HROFDY
 L0052915          0   0.52632E-02  442271.6 3749351.0   177.9     3.66
5.95     0.85     YES   HROFDY
 L0052916          0   0.52632E-02  442259.7 3749355.7   177.4     3.66
5.95     0.85     YES   HROFDY
 L0052917          0   0.52632E-02  442247.8 3749360.5   176.4     3.66
5.95     0.85     YES   HROFDY
 L0052918          0   0.52632E-02  442235.9 3749365.2   175.7     3.66
5.95     0.85     YES   HROFDY
 L0052919          0   0.52632E-02  442224.0 3749370.0   175.6     3.66
5.95     0.85     YES   HROFDY
 L0052920          0   0.52632E-02  442212.1 3749374.7   175.2     3.66
5.95     0.85     YES   HROFDY
 L0052921          0   0.52632E-02  442200.2 3749379.5   174.8     3.66
5.95     0.85     YES   HROFDY
 L0052922          0   0.52632E-02  442188.4 3749384.3   174.8     3.66
5.95     0.85     YES   HROFDY
 L0052923          0   0.52632E-02  442176.5 3749389.1   174.9     3.66
5.95     0.85     YES   HROFDY
 L0052924          0   0.52632E-02  442164.7 3749394.0   175.1     3.66
5.95     0.85     YES   HROFDY
 L0052925          0   0.52632E-02  442152.9 3749399.0   175.4     3.66
5.95     0.85     YES   HROFDY
 L0052926          0   0.52632E-02  442141.1 3749403.9   175.4     3.66
5.95     0.85     YES   HROFDY
 L0052927          0   0.52632E-02  442129.2 3749408.8   175.2     3.66
5.95     0.85     YES   HROFDY
 L0052928          0   0.52632E-02  442117.4 3749413.7   176.0     3.66
5.95     0.85     YES   HROFDY
 L0052929          0   0.52632E-02  442105.6 3749418.7   175.4     3.66
5.95     0.85     YES   HROFDY
 L0052930          0   0.52632E-02  442093.9 3749423.8   174.9     3.66
5.95     0.85     YES   HROFDY
 L0052931          0   0.52632E-02  442082.2 3749428.9   174.7     3.66
5.95     0.85     YES   HROFDY
 L0052932          0   0.82645E-02  444444.1 3749106.4   207.3     0.91
9.36     0.21     YES   HROFDY
 L0052933          0   0.82645E-02  444424.4 3749102.5   207.5     0.91
9.36     0.21     YES   HROFDY
 L0052934          0   0.82645E-02  444404.7 3749098.6   207.6     0.91
9.36     0.21     YES   HROFDY
 L0052935          0   0.82645E-02  444384.9 3749094.7   207.2     0.91
9.36     0.21     YES   HROFDY
 L0052936          0   0.82645E-02  444365.2 3749090.8   206.7     0.91
9.36     0.21     YES   HROFDY
 L0052937          0   0.82645E-02  444345.5 3749086.9   206.2     0.91
9.36     0.21     YES   HROFDY
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 L0052938   0   0.82645E-02 444325.7 3749083.0   205.6   0.91
9.36   0.21   YES   HROFDY
 L0052939   0   0.82645E-02 444306.0 3749079.2   205.2   0.91
9.36   0.21   YES   HROFDY
 L0052940   0   0.82645E-02 444286.2 3749075.3   205.4   0.91
9.36   0.21   YES   HROFDY
 L0052941   0   0.82645E-02 444266.5 3749071.4   205.5   0.91
9.36   0.21   YES   HROFDY

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                        *** VOLUME SOURCE
DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE
INIT.   INIT.   URBAN EMISSION RATE
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT
SY   SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS)
(METERS) (METERS)   BY
 -
- -

 L0052942   0   0.82645E-02 444246.8 3749067.5   205.6   0.91
9.36   0.21   YES   HROFDY
 L0052943   0   0.82645E-02 444227.0 3749063.6   205.8   0.91
9.36   0.21   YES   HROFDY
 L0052944   0   0.82645E-02 444207.3 3749059.7   206.3   0.91
9.36   0.21   YES   HROFDY
 L0052945   0   0.82645E-02 444187.6 3749055.8   207.0   0.91
9.36   0.21   YES   HROFDY
 L0052946   0   0.82645E-02 444167.8 3749051.9   207.0   0.91
9.36   0.21   YES   HROFDY
 L0052947   0   0.82645E-02 444148.0 3749048.7   206.9   0.91
9.36   0.21   YES   HROFDY
 L0052948   0   0.82645E-02 444128.0 3749046.6   206.7   0.91
9.36   0.21   YES   HROFDY
 L0052949   0   0.82645E-02 444108.0 3749044.5   206.2   0.91
9.36   0.21   YES   HROFDY
 L0052950   0   0.82645E-02 444088.0 3749042.3   205.8   0.91
9.36   0.21   YES   HROFDY
 L0052951   0   0.82645E-02 444068.0 3749040.2   205.5   0.91
9.36   0.21   YES   HROFDY
 L0052952   0   0.82645E-02 444048.0 3749038.1   205.2   0.91
9.36   0.21   YES   HROFDY

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 L0052953          0   0.82645E-02  444028.0 3749035.9   204.9     0.91
9.36     0.21     YES   HROFDY
 L0052954          0   0.82645E-02  444007.9 3749034.4   204.7     0.91
9.36     0.21     YES   HROFDY
 L0052955          0   0.82645E-02  443987.8 3749034.4   204.2     0.91
9.36     0.21     YES   HROFDY
 L0052956          0   0.82645E-02  443967.7 3749034.4   204.0     0.91
9.36     0.21     YES   HROFDY
 L0052957          0   0.82645E-02  443947.6 3749034.4   204.0     0.91
9.36     0.21     YES   HROFDY
 L0052958          0   0.82645E-02  443927.5 3749034.5   203.8     0.91
9.36     0.21     YES   HROFDY
 L0052959          0   0.82645E-02  443907.3 3749034.5   203.4     0.91
9.36     0.21     YES   HROFDY
 L0052960          0   0.82645E-02  443887.2 3749034.5   203.0     0.91
9.36     0.21     YES   HROFDY
 L0052961          0   0.82645E-02  443867.1 3749034.5   202.8     0.91
9.36     0.21     YES   HROFDY
 L0052962          0   0.82645E-02  443847.2 3749036.8   202.4     0.91
9.36     0.21     YES   HROFDY
 L0052963          0   0.82645E-02  443827.2 3749039.6   202.0     0.91
9.36     0.21     YES   HROFDY
 L0052964          0   0.82645E-02  443807.3 3749042.4   201.6     0.91
9.36     0.21     YES   HROFDY
 L0052965          0   0.82645E-02  443787.4 3749045.2   201.4     0.91
9.36     0.21     YES   HROFDY
 L0052966          0   0.82645E-02  443767.5 3749048.0   201.2     0.91
9.36     0.21     YES   HROFDY
 L0052967          0   0.82645E-02  443747.6 3749050.8   201.1     0.91
9.36     0.21     YES   HROFDY
 L0052968          0   0.82645E-02  443727.6 3749053.7   200.2     0.91
9.36     0.21     YES   HROFDY
 L0052969          0   0.82645E-02  443707.7 3749056.5   198.9     0.91
9.36     0.21     YES   HROFDY
 L0052970          0   0.82645E-02  443687.8 3749059.3   198.2     0.91
9.36     0.21     YES   HROFDY
 L0052971          0   0.82645E-02  443667.9 3749062.1   197.7     0.91
9.36     0.21     YES   HROFDY
 L0052972          0   0.82645E-02  443648.0 3749064.9   197.4     0.91
9.36     0.21     YES   HROFDY
 L0052973          0   0.82645E-02  443628.1 3749068.0   197.5     0.91
9.36     0.21     YES   HROFDY
 L0052974          0   0.82645E-02  443608.2 3749071.2   197.5     0.91
9.36     0.21     YES   HROFDY
 L0052975          0   0.82645E-02  443588.3 3749074.3   197.4     0.91
9.36     0.21     YES   HROFDY
 L0052976          0   0.82645E-02  443568.5 3749077.4   197.3     0.91
9.36     0.21     YES   HROFDY
 L0052977          0   0.82645E-02  443548.6 3749080.6   197.1     0.91
9.36     0.21     YES   HROFDY
 L0052978          0   0.82645E-02  443528.7 3749083.7   197.0     0.91
9.36     0.21     YES   HROFDY
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 L0052979         0   0.82645E-02  443508.9 3749086.9   196.3     0.91
9.36     0.21     YES   HROFDY
 L0052980         0   0.82645E-02  443489.0 3749090.2   196.0     0.91
9.36     0.21     YES   HROFDY
 L0052981         0   0.82645E-02  443469.2 3749093.5   195.8     0.91
9.36     0.21     YES   HROFDY

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE   8
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                      *** VOLUME SOURCE
DATA ***

               NUMBER EMISSION RATE                      BASE    RELEASE
INIT.    INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT
SY       SZ     SOURCE  SCALAR VARY
     ID          CATS.               (METERS) (METERS) (METERS) (METERS)
(METERS) (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 L0052982         0   0.82645E-02  443449.3 3749096.7   195.2     0.91
9.36     0.21     YES   HROFDY
 L0052983         0   0.82645E-02  443429.5 3749100.0   194.7     0.91
9.36     0.21     YES   HROFDY
 L0052984         0   0.82645E-02  443409.6 3749103.3   194.0     0.91
9.36     0.21     YES   HROFDY
 L0052985         0   0.82645E-02  443389.8 3749106.6   193.6     0.91
9.36     0.21     YES   HROFDY
 L0052986         0   0.82645E-02  443369.9 3749109.9   193.1     0.91
9.36     0.21     YES   HROFDY
 L0052987         0   0.82645E-02  443350.1 3749113.1   193.0     0.91
9.36     0.21     YES   HROFDY
 L0052988         0   0.82645E-02  443330.2 3749116.4   192.4     0.91
9.36     0.21     YES   HROFDY
 L0052989         0   0.82645E-02  443310.4 3749119.5   191.7     0.91
9.36     0.21     YES   HROFDY
 L0052990         0   0.82645E-02  443290.5 3749122.6   191.0     0.91
9.36     0.21     YES   HROFDY
 L0052991         0   0.82645E-02  443270.6 3749125.7   190.8     0.91
9.36     0.21     YES   HROFDY
 L0052992         0   0.82645E-02  443250.7 3749128.8   190.3     0.91
9.36     0.21     YES   HROFDY
 L0052993         0   0.82645E-02  443230.9 3749131.9   189.5     0.91
9.36     0.21     YES   HROFDY
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 L0052994          0   0.82645E-02  443211.0 3749135.0   189.4     0.91
9.36     0.21     YES   HROFDY
 L0052995          0   0.82645E-02  443191.1 3749138.1   189.0     0.91
9.36     0.21     YES   HROFDY
 L0052996          0   0.82645E-02  443171.2 3749141.2   188.2     0.91
9.36     0.21     YES   HROFDY
 L0052997          0   0.82645E-02  443151.3 3749144.3   188.0     0.91
9.36     0.21     YES   HROFDY
 L0052998          0   0.82645E-02  443131.5 3749147.4   187.7     0.91
9.36     0.21     YES   HROFDY
 L0052999          0   0.82645E-02  443111.6 3749150.5   186.9     0.91
9.36     0.21     YES   HROFDY
 L0053000          0   0.82645E-02  443091.7 3749153.5   186.3     0.91
9.36     0.21     YES   HROFDY
 L0053001          0   0.82645E-02  443071.8 3749156.6   185.9     0.91
9.36     0.21     YES   HROFDY
 L0053002          0   0.82645E-02  443052.0 3749159.7   185.6     0.91
9.36     0.21     YES   HROFDY
 L0053003          0   0.82645E-02  443032.1 3749162.8   185.2     0.91
9.36     0.21     YES   HROFDY
 L0053004          0   0.82645E-02  443012.2 3749166.1   184.8     0.91
9.36     0.21     YES   HROFDY
 L0053005          0   0.82645E-02  442992.4 3749169.4   184.1     0.91
9.36     0.21     YES   HROFDY
 L0053006          0   0.82645E-02  442972.6 3749172.8   183.9     0.91
9.36     0.21     YES   HROFDY
 L0053007          0   0.82645E-02  442952.7 3749176.2   183.8     0.91
9.36     0.21     YES   HROFDY
 L0053008          0   0.82645E-02  442932.9 3749179.5   183.1     0.91
9.36     0.21     YES   HROFDY
 L0053009          0   0.82645E-02  442913.1 3749182.9   182.5     0.91
9.36     0.21     YES   HROFDY
 L0053010          0   0.82645E-02  442893.2 3749186.3   181.4     0.91
9.36     0.21     YES   HROFDY
 L0053011          0   0.82645E-02  442873.4 3749189.6   180.0     0.91
9.36     0.21     YES   HROFDY
 L0053012          0   0.82645E-02  442853.6 3749193.0   178.8     0.91
9.36     0.21     YES   HROFDY
 L0053013          0   0.82645E-02  442833.7 3749196.4   178.5     0.91
9.36     0.21     YES   HROFDY
 L0053014          0   0.82645E-02  442813.9 3749199.7   179.1     0.91
9.36     0.21     YES   HROFDY
 L0053015          0   0.82645E-02  442794.0 3749202.7   179.1     0.91
9.36     0.21     YES   HROFDY
 L0053016          0   0.82645E-02  442774.1 3749205.5   179.2     0.91
9.36     0.21     YES   HROFDY
 L0053017          0   0.82645E-02  442754.2 3749208.4   179.7     0.91
9.36     0.21     YES   HROFDY
 L0053018          0   0.82645E-02  442734.3 3749211.2   179.8     0.91
9.36     0.21     YES   HROFDY
 L0053019          0   0.82645E-02  442714.3 3749214.1   180.2     0.91
9.36     0.21     YES   HROFDY
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY
L0053020	0	0.82645E-02	442694.4	3749217.0	181.8	0.91	9.36	0.21	YES	HROFDY
L0053021	0	0.82645E-02	442674.5	3749219.8	182.5	0.91	9.36	0.21	YES	HROFDY
L0053022	0	0.82645E-02	442654.6	3749222.7	183.0	0.91	9.36	0.21	YES	HROFDY
L0053023	0	0.82645E-02	442634.7	3749225.6	183.0	0.91	9.36	0.21	YES	HROFDY
L0053024	0	0.82645E-02	442614.8	3749228.4	183.0	0.91	9.36	0.21	YES	HROFDY
L0053025	0	0.82645E-02	442595.0	3749231.9	182.9	0.91	9.36	0.21	YES	HROFDY
L0053026	0	0.82645E-02	442575.3	3749236.0	182.2	0.91	9.36	0.21	YES	HROFDY
L0053027	0	0.82645E-02	442555.6	3749240.2	180.5	0.91	9.36	0.21	YES	HROFDY
L0053028	0	0.82645E-02	442535.9	3749244.4	179.2	0.91	9.36	0.21	YES	HROFDY
L0053029	0	0.82645E-02	442516.3	3749248.6	178.9	0.91	9.36	0.21	YES	HROFDY
L0053030	0	0.82645E-02	442497.1	3749254.7	179.2	0.91	9.36	0.21	YES	HROFDY
L0053031	0	0.82645E-02	442478.2	3749261.4	179.1	0.91	9.36	0.21	YES	HROFDY
L0053032	0	0.82645E-02	442459.2	3749268.0	178.3	0.91	9.36	0.21	YES	HROFDY
L0053033	0	0.82645E-02	442440.2	3749274.7	177.7	0.91	9.36	0.21	YES	HROFDY
L0053034	0	0.82645E-02	442421.2	3749281.3	177.1	0.91	9.36	0.21	YES	HROFDY

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 L0053035          0   0.82645E-02  442402.2 3749288.0   176.2     0.91
9.36     0.21     YES   HROFDY
 L0053036          0   0.82645E-02  442383.2 3749294.6   175.1     0.91
9.36     0.21     YES   HROFDY
 L0053037          0   0.82645E-02  442364.3 3749301.3   174.8     0.91
9.36     0.21     YES   HROFDY
 L0053038          0   0.82645E-02  442345.6 3749308.9   175.0     0.91
9.36     0.21     YES   HROFDY
 L0053039          0   0.82645E-02  442327.0 3749316.5   175.5     0.91
9.36     0.21     YES   HROFDY
 L0053040          0   0.82645E-02  442308.4 3749324.1   176.5     0.91
9.36     0.21     YES   HROFDY
 L0053041          0   0.82645E-02  442289.7 3749331.7   177.3     0.91
9.36     0.21     YES   HROFDY
 L0053042          0   0.82645E-02  442271.1 3749339.3   177.9     0.91
9.36     0.21     YES   HROFDY
 L0053043          0   0.82645E-02  442252.5 3749346.9   177.1     0.91
9.36     0.21     YES   HROFDY
 L0053044          0   0.82645E-02  442233.8 3749354.5   176.2     0.91
9.36     0.21     YES   HROFDY
 L0053045          0   0.82645E-02  442215.2 3749362.0   176.3     0.91
9.36     0.21     YES   HROFDY
 L0053046          0   0.82645E-02  442196.6 3749369.6   175.6     0.91
9.36     0.21     YES   HROFDY
 L0053047          0   0.82645E-02  442177.9 3749377.2   175.4     0.91
9.36     0.21     YES   HROFDY
 L0053048          0   0.82645E-02  442159.3 3749384.8   175.7     0.91
9.36     0.21     YES   HROFDY
 L0053049          0   0.82645E-02  442140.7 3749392.4   175.8     0.91
9.36     0.21     YES   HROFDY
 L0053050          0   0.82645E-02  442122.1 3749400.0   175.5     0.91
9.36     0.21     YES   HROFDY
 L0053051          0   0.82645E-02  442103.4 3749407.6   175.8     0.91
9.36     0.21     YES   HROFDY
 L0053052          0   0.82645E-02  442084.8 3749415.1   175.0     0.91
9.36     0.21     YES   HROFDY
 L0053053          0   0.52632E-02  444448.2 3749091.7   207.8     0.91
5.95     0.21     YES   HROFDY
 L0053054          0   0.52632E-02  444435.6 3749089.3   207.9     0.91
5.95     0.21     YES   HROFDY
 L0053055          0   0.52632E-02  444423.0 3749086.8   208.0     0.91
5.95     0.21     YES   HROFDY
 L0053056          0   0.52632E-02  444410.5 3749084.4   208.0     0.91
5.95     0.21     YES   HROFDY
 L0053057          0   0.52632E-02  444397.9 3749082.0   208.0     0.91
5.95     0.21     YES   HROFDY
 L0053058          0   0.52632E-02  444385.3 3749079.6   207.5     0.91
5.95     0.21     YES   HROFDY
 L0053059          0   0.52632E-02  444372.7 3749077.2   207.1     0.91
5.95     0.21     YES   HROFDY
 L0053060          0   0.52632E-02  444360.2 3749074.8   206.7     0.91
5.95     0.21     YES   HROFDY
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 L0053061         0   0.52632E-02  444347.6 3749072.4   206.3     0.91
5.95     0.21     YES   HROFDY

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                      *** VOLUME SOURCE
DATA ***

               NUMBER EMISSION RATE                      BASE    RELEASE
INIT.    INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT
SY       SZ     SOURCE  SCALAR VARY
     ID          CATS.               (METERS) (METERS) (METERS) (METERS)
(METERS) (METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 L0053062         0   0.52632E-02  444335.0 3749070.0   205.9     0.91
5.95     0.21     YES   HROFDY
 L0053063         0   0.52632E-02  444322.5 3749067.6   205.8     0.91
5.95     0.21     YES   HROFDY
 L0053064         0   0.52632E-02  444309.9 3749065.2   205.7     0.91
5.95     0.21     YES   HROFDY
 L0053065         0   0.52632E-02  444297.3 3749062.8   205.8     0.91
5.95     0.21     YES   HROFDY
 L0053066         0   0.52632E-02  444284.7 3749060.4   205.9     0.91
5.95     0.21     YES   HROFDY
 L0053067         0   0.52632E-02  444272.2 3749058.0   205.9     0.91
5.95     0.21     YES   HROFDY
 L0053068         0   0.52632E-02  444259.6 3749055.6   206.0     0.91
5.95     0.21     YES   HROFDY
 L0053069         0   0.52632E-02  444247.0 3749053.2   206.1     0.91
5.95     0.21     YES   HROFDY
 L0053070         0   0.52632E-02  444234.4 3749050.8   206.2     0.91
5.95     0.21     YES   HROFDY
 L0053071         0   0.52632E-02  444221.8 3749048.5   206.3     0.91
5.95     0.21     YES   HROFDY
 L0053072         0   0.52632E-02  444209.2 3749046.6   206.6     0.91
5.95     0.21     YES   HROFDY
 L0053073         0   0.52632E-02  444196.5 3749044.6   206.9     0.91
5.95     0.21     YES   HROFDY
 L0053074         0   0.52632E-02  444183.9 3749042.6   207.0     0.91
5.95     0.21     YES   HROFDY
 L0053075         0   0.52632E-02  444171.2 3749040.7   207.0     0.91
5.95     0.21     YES   HROFDY
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 L0053076          0   0.52632E-02  444158.6 3749038.7   207.0     0.91
5.95     0.21     YES   HROFDY
 L0053077          0   0.52632E-02  444145.9 3749036.7   206.7     0.91
5.95     0.21     YES   HROFDY
 L0053078          0   0.52632E-02  444133.3 3749034.7   206.4     0.91
5.95     0.21     YES   HROFDY
 L0053079          0   0.52632E-02  444120.6 3749032.8   206.2     0.91
5.95     0.21     YES   HROFDY
 L0053080          0   0.52632E-02  444108.0 3749030.8   206.0     0.91
5.95     0.21     YES   HROFDY
 L0053081          0   0.52632E-02  444095.3 3749028.8   206.0     0.91
5.95     0.21     YES   HROFDY
 L0053082          0   0.52632E-02  444082.7 3749026.9   206.0     0.91
5.95     0.21     YES   HROFDY
 L0053083          0   0.52632E-02  444069.9 3749026.0   206.0     0.91
5.95     0.21     YES   HROFDY
 L0053084          0   0.52632E-02  444057.1 3749025.3   205.6     0.91
5.95     0.21     YES   HROFDY
 L0053085          0   0.52632E-02  444044.4 3749024.7   205.2     0.91
5.95     0.21     YES   HROFDY
 L0053086          0   0.52632E-02  444031.6 3749024.6   205.0     0.91
5.95     0.21     YES   HROFDY
 L0053087          0   0.52632E-02  444018.8 3749024.5   205.0     0.91
5.95     0.21     YES   HROFDY
 L0053088          0   0.52632E-02  444006.0 3749024.4   204.9     0.91
5.95     0.21     YES   HROFDY
 L0053089          0   0.52632E-02  443993.2 3749024.3   204.5     0.91
5.95     0.21     YES   HROFDY
 L0053090          0   0.52632E-02  443980.4 3749024.1   204.1     0.91
5.95     0.21     YES   HROFDY
 L0053091          0   0.52632E-02  443967.6 3749024.0   204.1     0.91
5.95     0.21     YES   HROFDY
 L0053092          0   0.52632E-02  443954.8 3749023.9   204.1     0.91
5.95     0.21     YES   HROFDY
 L0053093          0   0.52632E-02  443942.0 3749023.8   204.1     0.91
5.95     0.21     YES   HROFDY
 L0053094          0   0.52632E-02  443929.2 3749023.7   204.0     0.91
5.95     0.21     YES   HROFDY
 L0053095          0   0.52632E-02  443916.4 3749023.5   203.9     0.91
5.95     0.21     YES   HROFDY
 L0053096          0   0.52632E-02  443903.5 3749023.4   203.5     0.91
5.95     0.21     YES   HROFDY
 L0053097          0   0.52632E-02  443890.7 3749023.3   203.1     0.91
5.95     0.21     YES   HROFDY
 L0053098          0   0.52632E-02  443878.0 3749024.1   203.0     0.91
5.95     0.21     YES   HROFDY
 L0053099          0   0.52632E-02  443865.2 3749025.1   203.0     0.91
5.95     0.21     YES   HROFDY
 L0053100          0   0.52632E-02  443852.4 3749026.1   202.8     0.91
5.95     0.21     YES   HROFDY
 L0053101          0   0.52632E-02  443839.7 3749027.0   202.3     0.91
5.95     0.21     YES   HROFDY
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE PART. CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0053102	0	0.52632E-02 HROFDY	443826.9	3749028.0	202.0	0.91	5.95	0.21	YES
L0053103	0	0.52632E-02 HROFDY	443814.2	3749029.0	202.0	0.91	5.95	0.21	YES
L0053104	0	0.52632E-02 HROFDY	443801.4	3749029.9	201.9	0.91	5.95	0.21	YES
L0053105	0	0.52632E-02 HROFDY	443788.7	3749031.5	201.8	0.91	5.95	0.21	YES
L0053106	0	0.52632E-02 HROFDY	443776.0	3749033.4	201.8	0.91	5.95	0.21	YES
L0053107	0	0.52632E-02 HROFDY	443763.4	3749035.3	201.6	0.91	5.95	0.21	YES
L0053108	0	0.52632E-02 HROFDY	443750.7	3749037.2	201.2	0.91	5.95	0.21	YES
L0053109	0	0.52632E-02 HROFDY	443738.1	3749039.2	200.9	0.91	5.95	0.21	YES
L0053110	0	0.52632E-02 HROFDY	443725.4	3749041.2	200.3	0.91	5.95	0.21	YES
L0053111	0	0.52632E-02 HROFDY	443712.8	3749043.2	199.6	0.91	5.95	0.21	YES
L0053112	0	0.52632E-02 HROFDY	443700.1	3749045.2	199.1	0.91	5.95	0.21	YES
L0053113	0	0.52632E-02 HROFDY	443687.5	3749047.2	198.6	0.91	5.95	0.21	YES
L0053114	0	0.52632E-02 HROFDY	443674.8	3749049.1	198.2	0.91	5.95	0.21	YES
L0053115	0	0.52632E-02 HROFDY	443662.2	3749051.0	198.2	0.91	5.95	0.21	YES
L0053116	0	0.52632E-02 HROFDY	443649.5	3749052.8	198.1	0.91	5.95	0.21	YES

L0053117		0	0.52632E-02	443636.8	3749054.6	198.1	0.91	
5.95	0.21	YES	HROFDY					
L0053118		0	0.52632E-02	443624.2	3749056.5	198.0	0.91	
5.95	0.21	YES	HROFDY					
L0053119		0	0.52632E-02	443611.5	3749058.3	197.9	0.91	
5.95	0.21	YES	HROFDY					
L0053120		0	0.52632E-02	443598.8	3749060.1	197.9	0.91	
5.95	0.21	YES	HROFDY					
L0053121		0	0.52632E-02	443586.2	3749062.0	197.8	0.91	
5.95	0.21	YES	HROFDY					
L0053122		0	0.52632E-02	443573.5	3749064.1	197.7	0.91	
5.95	0.21	YES	HROFDY					
L0053123		0	0.52632E-02	443560.9	3749066.1	197.7	0.91	
5.95	0.21	YES	HROFDY					
L0053124		0	0.52632E-02	443548.3	3749068.2	197.4	0.91	
5.95	0.21	YES	HROFDY					
L0053125		0	0.52632E-02	443535.6	3749070.2	197.1	0.91	
5.95	0.21	YES	HROFDY					
L0053126		0	0.52632E-02	443523.0	3749072.3	196.9	0.91	
5.95	0.21	YES	HROFDY					
L0053127		0	0.52632E-02	443510.3	3749074.3	196.6	0.91	
5.95	0.21	YES	HROFDY					
L0053128		0	0.52632E-02	443497.7	3749076.4	196.3	0.91	
5.95	0.21	YES	HROFDY					
L0053129		0	0.52632E-02	443485.1	3749078.4	196.1	0.91	
5.95	0.21	YES	HROFDY					
L0053130		0	0.52632E-02	443472.4	3749080.5	196.0	0.91	
5.95	0.21	YES	HROFDY					
L0053131		0	0.52632E-02	443459.8	3749082.5	195.7	0.91	
5.95	0.21	YES	HROFDY					
L0053132		0	0.52632E-02	443447.2	3749084.6	195.3	0.91	
5.95	0.21	YES	HROFDY					
L0053133		0	0.52632E-02	443434.5	3749086.6	194.8	0.91	
5.95	0.21	YES	HROFDY					
L0053134		0	0.52632E-02	443421.9	3749088.6	194.4	0.91	
5.95	0.21	YES	HROFDY					
L0053135		0	0.52632E-02	443409.2	3749090.6	194.0	0.91	
5.95	0.21	YES	HROFDY					
L0053136		0	0.52632E-02	443396.6	3749092.6	193.9	0.91	
5.95	0.21	YES	HROFDY					
L0053137		0	0.52632E-02	443383.9	3749094.6	193.8	0.91	
5.95	0.21	YES	HROFDY					
L0053138		0	0.52632E-02	443371.3	3749096.6	193.5	0.91	
5.95	0.21	YES	HROFDY					
L0053139		0	0.52632E-02	443358.6	3749098.6	193.2	0.91	
5.95	0.21	YES	HROFDY					
L0053140		0	0.52632E-02	443346.0	3749100.6	193.0	0.91	
5.95	0.21	YES	HROFDY					
L0053141		0	0.52632E-02	443333.4	3749102.6	192.7	0.91	
5.95	0.21	YES	HROFDY					

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE PART. CATS.	EMISSION RATE (GRAMS/SEC) SCALAR	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE VARY BY
L0053142	0	0.52632E-02	443320.7	3749104.6	192.4	0.91	5.95	0.21	YES HROFDY
L0053143	0	0.52632E-02	443308.1	3749106.6	191.9	0.91	5.95	0.21	YES HROFDY
L0053144	0	0.52632E-02	443295.4	3749108.6	191.5	0.91	5.95	0.21	YES HROFDY
L0053145	0	0.52632E-02	443282.8	3749110.6	191.2	0.91	5.95	0.21	YES HROFDY
L0053146	0	0.52632E-02	443270.1	3749112.6	191.0	0.91	5.95	0.21	YES HROFDY
L0053147	0	0.52632E-02	443257.5	3749114.6	190.9	0.91	5.95	0.21	YES HROFDY
L0053148	0	0.52632E-02	443244.8	3749116.6	190.5	0.91	5.95	0.21	YES HROFDY
L0053149	0	0.52632E-02	443232.2	3749118.6	190.0	0.91	5.95	0.21	YES HROFDY
L0053150	0	0.52632E-02	443219.6	3749120.6	189.9	0.91	5.95	0.21	YES HROFDY
L0053151	0	0.52632E-02	443206.9	3749122.6	189.8	0.91	5.95	0.21	YES HROFDY
L0053152	0	0.52632E-02	443194.3	3749124.7	189.6	0.91	5.95	0.21	YES HROFDY
L0053153	0	0.52632E-02	443181.6	3749126.7	189.1	0.91	5.95	0.21	YES HROFDY
L0053154	0	0.52632E-02	443169.0	3749128.8	188.6	0.91	5.95	0.21	YES HROFDY
L0053155	0	0.52632E-02	443156.4	3749130.9	188.3	0.91	5.95	0.21	YES HROFDY
L0053156	0	0.52632E-02	443143.7	3749132.9	188.1	0.91	5.95	0.21	YES HROFDY

L0053157		0	0.52632E-02	443131.1	3749135.0	187.7	0.91	
5.95	0.21	YES	HROFDY					
L0053158		0	0.52632E-02	443118.5	3749137.1	187.3	0.91	
5.95	0.21	YES	HROFDY					
L0053159		0	0.52632E-02	443105.8	3749139.1	186.9	0.91	
5.95	0.21	YES	HROFDY					
L0053160		0	0.52632E-02	443093.3	3749141.5	186.6	0.91	
5.95	0.21	YES	HROFDY					
L0053161		0	0.52632E-02	443080.7	3749143.9	186.1	0.91	
5.95	0.21	YES	HROFDY					
L0053162		0	0.52632E-02	443068.1	3749146.2	186.0	0.91	
5.95	0.21	YES	HROFDY					
L0053163		0	0.52632E-02	443055.5	3749148.5	185.9	0.91	
5.95	0.21	YES	HROFDY					
L0053164		0	0.52632E-02	443042.9	3749150.5	185.7	0.91	
5.95	0.21	YES	HROFDY					
L0053165		0	0.52632E-02	443030.2	3749152.5	185.3	0.91	
5.95	0.21	YES	HROFDY					
L0053166		0	0.52632E-02	443017.6	3749154.4	184.9	0.91	
5.95	0.21	YES	HROFDY					
L0053167		0	0.52632E-02	443004.9	3749156.4	184.5	0.91	
5.95	0.21	YES	HROFDY					
L0053168		0	0.52632E-02	442992.3	3749158.4	184.1	0.91	
5.95	0.21	YES	HROFDY					
L0053169		0	0.52632E-02	442979.6	3749160.4	183.8	0.91	
5.95	0.21	YES	HROFDY					
L0053170		0	0.52632E-02	442967.0	3749162.4	183.7	0.91	
5.95	0.21	YES	HROFDY					
L0053171		0	0.52632E-02	442954.3	3749164.4	183.5	0.91	
5.95	0.21	YES	HROFDY					
L0053172		0	0.52632E-02	442941.7	3749166.4	183.3	0.91	
5.95	0.21	YES	HROFDY					
L0053173		0	0.52632E-02	442929.0	3749168.4	183.0	0.91	
5.95	0.21	YES	HROFDY					
L0053174		0	0.52632E-02	442916.4	3749170.4	183.0	0.91	
5.95	0.21	YES	HROFDY					
L0053175		0	0.52632E-02	442903.8	3749172.4	183.0	0.91	
5.95	0.21	YES	HROFDY					
L0053176		0	0.52632E-02	442891.1	3749174.4	182.7	0.91	
5.95	0.21	YES	HROFDY					
L0053177		0	0.52632E-02	442878.5	3749176.4	182.3	0.91	
5.95	0.21	YES	HROFDY					
L0053178		0	0.52632E-02	442865.8	3749178.4	181.3	0.91	
5.95	0.21	YES	HROFDY					
L0053179		0	0.52632E-02	442853.2	3749180.4	180.0	0.91	
5.95	0.21	YES	HROFDY					
L0053180		0	0.52632E-02	442840.5	3749182.4	178.9	0.91	
5.95	0.21	YES	HROFDY					
L0053181		0	0.52632E-02	442827.9	3749184.3	179.1	0.91	
5.95	0.21	YES	HROFDY					

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0053182	0	0.52632E-02	442815.2	3749186.3	179.5	0.91	5.95	0.21	YES	HROFDY
L0053183	0	0.52632E-02	442802.6	3749188.3	179.6	0.91	5.95	0.21	YES	HROFDY
L0053184	0	0.52632E-02	442789.9	3749190.3	179.5	0.91	5.95	0.21	YES	HROFDY
L0053185	0	0.52632E-02	442777.3	3749192.3	179.6	0.91	5.95	0.21	YES	HROFDY
L0053186	0	0.52632E-02	442764.6	3749194.3	180.1	0.91	5.95	0.21	YES	HROFDY
L0053187	0	0.52632E-02	442752.0	3749196.2	180.5	0.91	5.95	0.21	YES	HROFDY
L0053188	0	0.52632E-02	442739.4	3749198.2	180.5	0.91	5.95	0.21	YES	HROFDY
L0053189	0	0.52632E-02	442726.7	3749200.2	180.4	0.91	5.95	0.21	YES	HROFDY
L0053190	0	0.52632E-02	442714.0	3749201.9	180.8	0.91	5.95	0.21	YES	HROFDY
L0053191	0	0.52632E-02	442701.3	3749203.5	181.9	0.91	5.95	0.21	YES	HROFDY
L0053192	0	0.52632E-02	442688.6	3749205.0	183.0	0.91	5.95	0.21	YES	HROFDY
L0053193	0	0.52632E-02	442675.9	3749206.6	183.0	0.91	5.95	0.21	YES	HROFDY
L0053194	0	0.52632E-02	442663.3	3749208.6	183.0	0.91	5.95	0.21	YES	HROFDY
L0053195	0	0.52632E-02	442650.6	3749210.8	183.0	0.91	5.95	0.21	YES	HROFDY
L0053196	0	0.52632E-02	442638.0	3749213.0	183.0	0.91	5.95	0.21	YES	HROFDY

L0053197		0	0.52632E-02	442625.4	3749215.1	183.0	0.91	
5.95	0.21	YES	HROFDY					
L0053198		0	0.52632E-02	442612.8	3749217.3	183.0	0.91	
5.95	0.21	YES	HROFDY					
L0053199		0	0.52632E-02	442600.2	3749219.5	183.0	0.91	
5.95	0.21	YES	HROFDY					
L0053200		0	0.52632E-02	442587.6	3749221.6	182.6	0.91	
5.95	0.21	YES	HROFDY					
L0053201		0	0.52632E-02	442575.0	3749223.9	182.2	0.91	
5.95	0.21	YES	HROFDY					
L0053202		0	0.52632E-02	442562.4	3749226.5	181.7	0.91	
5.95	0.21	YES	HROFDY					
L0053203		0	0.52632E-02	442549.9	3749229.2	181.0	0.91	
5.95	0.21	YES	HROFDY					
L0053204		0	0.52632E-02	442537.4	3749231.9	180.2	0.91	
5.95	0.21	YES	HROFDY					
L0053205		0	0.52632E-02	442524.9	3749234.6	179.6	0.91	
5.95	0.21	YES	HROFDY					
L0053206		0	0.52632E-02	442512.4	3749237.3	179.1	0.91	
5.95	0.21	YES	HROFDY					
L0053207		0	0.52632E-02	442499.9	3749240.0	179.3	0.91	
5.95	0.21	YES	HROFDY					
L0053208		0	0.52632E-02	442487.3	3749242.6	179.6	0.91	
5.95	0.21	YES	HROFDY					
L0053209		0	0.52632E-02	442475.2	3749246.7	179.5	0.91	
5.95	0.21	YES	HROFDY					
L0053210		0	0.52632E-02	442463.1	3749250.8	179.0	0.91	
5.95	0.21	YES	HROFDY					
L0053211		0	0.52632E-02	442450.9	3749254.9	178.4	0.91	
5.95	0.21	YES	HROFDY					
L0053212		0	0.52632E-02	442438.8	3749259.0	177.9	0.91	
5.95	0.21	YES	HROFDY					
L0053213		0	0.52632E-02	442426.7	3749263.1	177.4	0.91	
5.95	0.21	YES	HROFDY					
L0053214		0	0.52632E-02	442414.6	3749267.2	177.0	0.91	
5.95	0.21	YES	HROFDY					
L0053215		0	0.52632E-02	442402.4	3749271.3	176.8	0.91	
5.95	0.21	YES	HROFDY					
L0053216		0	0.52632E-02	442390.3	3749275.4	176.4	0.91	
5.95	0.21	YES	HROFDY					
L0053217		0	0.52632E-02	442378.2	3749279.5	175.9	0.91	
5.95	0.21	YES	HROFDY					
L0053218		0	0.52632E-02	442366.3	3749284.4	175.5	0.91	
5.95	0.21	YES	HROFDY					
L0053219		0	0.52632E-02	442354.5	3749289.2	175.4	0.91	
5.95	0.21	YES	HROFDY					
L0053220		0	0.52632E-02	442342.7	3749294.1	175.7	0.91	
5.95	0.21	YES	HROFDY					
L0053221		0	0.52632E-02	442330.8	3749299.0	175.9	0.91	
5.95	0.21	YES	HROFDY					

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0053222	0	0.52632E-02	442319.0	3749303.9	176.4	0.91	5.95	0.21	YES	HROFDY
L0053223	0	0.52632E-02	442307.2	3749308.8	177.1	0.91	5.95	0.21	YES	HROFDY
L0053224	0	0.52632E-02	442295.3	3749313.6	177.6	0.91	5.95	0.21	YES	HROFDY
L0053225	0	0.52632E-02	442283.5	3749318.5	177.8	0.91	5.95	0.21	YES	HROFDY
L0053226	0	0.52632E-02	442271.7	3749323.4	178.0	0.91	5.95	0.21	YES	HROFDY
L0053227	0	0.52632E-02	442259.8	3749328.3	177.7	0.91	5.95	0.21	YES	HROFDY
L0053228	0	0.52632E-02	442248.0	3749333.2	177.1	0.91	5.95	0.21	YES	HROFDY
L0053229	0	0.52632E-02	442236.2	3749338.1	176.7	0.91	5.95	0.21	YES	HROFDY
L0053230	0	0.52632E-02	442224.3	3749342.9	176.9	0.91	5.95	0.21	YES	HROFDY
L0053231	0	0.52632E-02	442212.5	3749347.8	177.2	0.91	5.95	0.21	YES	HROFDY
L0053232	0	0.52632E-02	442200.7	3749352.7	176.9	0.91	5.95	0.21	YES	HROFDY
L0053233	0	0.52632E-02	442188.8	3749357.6	176.2	0.91	5.95	0.21	YES	HROFDY
L0053234	0	0.52632E-02	442177.0	3749362.5	175.9	0.91	5.95	0.21	YES	HROFDY
L0053235	0	0.52632E-02	442165.2	3749367.3	176.4	0.91	5.95	0.21	YES	HROFDY
L0053236	0	0.52632E-02	442153.3	3749372.2	176.7	0.91	5.95	0.21	YES	HROFDY

L0053237		0	0.52632E-02	442141.5	3749377.1	176.6	0.91	
5.95	0.21	YES	HROFDY					
L0053238		0	0.52632E-02	442129.7	3749382.0	176.3	0.91	
5.95	0.21	YES	HROFDY					
L0053239		0	0.52632E-02	442117.8	3749386.9	176.9	0.91	
5.95	0.21	YES	HROFDY					
L0053240		0	0.52632E-02	442106.0	3749391.7	176.4	0.91	
5.95	0.21	YES	HROFDY					
L0053241		0	0.52632E-02	442094.1	3749396.6	175.8	0.91	
5.95	0.21	YES	HROFDY					
L0053242		0	0.52632E-02	442082.3	3749401.5	175.5	0.91	
5.95	0.21	YES	HROFDY					
L0053243		0	0.52356E-02	444453.0	3749080.9	208.0	0.91	
5.95	0.21	YES	HROFDY					
L0053244		0	0.52356E-02	444440.5	3749078.4	208.0	0.91	
5.95	0.21	YES	HROFDY					
L0053245		0	0.52356E-02	444427.9	3749076.0	208.0	0.91	
5.95	0.21	YES	HROFDY					
L0053246		0	0.52356E-02	444415.3	3749073.6	208.0	0.91	
5.95	0.21	YES	HROFDY					
L0053247		0	0.52356E-02	444402.8	3749071.1	208.0	0.91	
5.95	0.21	YES	HROFDY					
L0053248		0	0.52356E-02	444390.2	3749068.7	207.7	0.91	
5.95	0.21	YES	HROFDY					
L0053249		0	0.52356E-02	444377.6	3749066.2	207.3	0.91	
5.95	0.21	YES	HROFDY					
L0053250		0	0.52356E-02	444365.1	3749063.8	206.9	0.91	
5.95	0.21	YES	HROFDY					
L0053251		0	0.52356E-02	444352.5	3749061.3	206.4	0.91	
5.95	0.21	YES	HROFDY					
L0053252		0	0.52356E-02	444339.9	3749058.9	206.0	0.91	
5.95	0.21	YES	HROFDY					
L0053253		0	0.52356E-02	444327.4	3749056.4	206.0	0.91	
5.95	0.21	YES	HROFDY					
L0053254		0	0.52356E-02	444314.8	3749054.0	206.1	0.91	
5.95	0.21	YES	HROFDY					
L0053255		0	0.52356E-02	444302.2	3749051.6	206.2	0.91	
5.95	0.21	YES	HROFDY					
L0053256		0	0.52356E-02	444289.7	3749049.1	206.2	0.91	
5.95	0.21	YES	HROFDY					
L0053257		0	0.52356E-02	444277.1	3749046.7	206.3	0.91	
5.95	0.21	YES	HROFDY					
L0053258		0	0.52356E-02	444264.5	3749044.2	206.4	0.91	
5.95	0.21	YES	HROFDY					
L0053259		0	0.52356E-02	444252.0	3749041.8	206.5	0.91	
5.95	0.21	YES	HROFDY					
L0053260		0	0.52356E-02	444239.4	3749039.3	206.6	0.91	
5.95	0.21	YES	HROFDY					
L0053261		0	0.52356E-02	444226.8	3749036.9	206.6	0.91	
5.95	0.21	YES	HROFDY					

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0053262	0	0.52356E-02	444214.3	3749034.5	206.8	0.91	5.95	0.21	YES	HROFDY
L0053263	0	0.52356E-02	444201.7	3749032.1	206.9	0.91	5.95	0.21	YES	HROFDY
L0053264	0	0.52356E-02	444189.1	3749029.9	207.0	0.91	5.95	0.21	YES	HROFDY
L0053265	0	0.52356E-02	444176.5	3749027.7	207.0	0.91	5.95	0.21	YES	HROFDY
L0053266	0	0.52356E-02	444163.9	3749025.5	207.0	0.91	5.95	0.21	YES	HROFDY
L0053267	0	0.52356E-02	444151.2	3749023.4	206.8	0.91	5.95	0.21	YES	HROFDY
L0053268	0	0.52356E-02	444138.6	3749021.2	206.4	0.91	5.95	0.21	YES	HROFDY
L0053269	0	0.52356E-02	444126.0	3749019.4	206.2	0.91	5.95	0.21	YES	HROFDY
L0053270	0	0.52356E-02	444113.3	3749017.6	206.3	0.91	5.95	0.21	YES	HROFDY
L0053271	0	0.52356E-02	444100.6	3749015.9	206.3	0.91	5.95	0.21	YES	HROFDY
L0053272	0	0.52356E-02	444087.9	3749014.3	206.4	0.91	5.95	0.21	YES	HROFDY
L0053273	0	0.52356E-02	444075.2	3749012.7	206.5	0.91	5.95	0.21	YES	HROFDY
L0053274	0	0.52356E-02	444062.4	3749011.6	206.3	0.91	5.95	0.21	YES	HROFDY
L0053275	0	0.52356E-02	444049.7	3749010.8	205.9	0.91	5.95	0.21	YES	HROFDY
L0053276	0	0.52356E-02	444036.9	3749010.0	205.5	0.91	5.95	0.21	YES	HROFDY

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 L0053277          0   0.52356E-02  444024.1 3749009.2   205.3     0.91
5.95     0.21     YES   HROFDY
 L0053278          0   0.52356E-02  444011.3 3749008.5   205.0     0.91
5.95     0.21     YES   HROFDY
 L0053279          0   0.52356E-02  443998.5 3749007.7   204.9     0.91
5.95     0.21     YES   HROFDY
 L0053280          0   0.52356E-02  443985.8 3749006.9   204.7     0.91
5.95     0.21     YES   HROFDY
 L0053281          0   0.52356E-02  443973.0 3749006.7   204.7     0.91
5.95     0.21     YES   HROFDY
 L0053282          0   0.52356E-02  443960.2 3749006.9   204.6     0.91
5.95     0.21     YES   HROFDY
 L0053283          0   0.52356E-02  443947.4 3749007.2   204.6     0.91
5.95     0.21     YES   HROFDY
 L0053284          0   0.52356E-02  443934.6 3749007.4   204.3     0.91
5.95     0.21     YES   HROFDY
 L0053285          0   0.52356E-02  443921.8 3749007.7   204.1     0.91
5.95     0.21     YES   HROFDY
 L0053286          0   0.52356E-02  443909.0 3749007.9   203.9     0.91
5.95     0.21     YES   HROFDY
 L0053287          0   0.52356E-02  443896.2 3749008.1   203.7     0.91
5.95     0.21     YES   HROFDY
 L0053288          0   0.52356E-02  443883.4 3749008.4   203.5     0.91
5.95     0.21     YES   HROFDY
 L0053289          0   0.52356E-02  443870.6 3749008.6   203.2     0.91
5.95     0.21     YES   HROFDY
 L0053290          0   0.52356E-02  443857.8 3749008.9   203.0     0.91
5.95     0.21     YES   HROFDY
 L0053291          0   0.52356E-02  443845.1 3749010.2   202.5     0.91
5.95     0.21     YES   HROFDY
 L0053292          0   0.52356E-02  443832.4 3749011.8   202.1     0.91
5.95     0.21     YES   HROFDY
 L0053293          0   0.52356E-02  443819.7 3749013.4   202.0     0.91
5.95     0.21     YES   HROFDY
 L0053294          0   0.52356E-02  443807.0 3749015.0   202.0     0.91
5.95     0.21     YES   HROFDY
 L0053295          0   0.52356E-02  443794.3 3749016.7   202.0     0.91
5.95     0.21     YES   HROFDY
 L0053296          0   0.52356E-02  443781.6 3749018.3   202.0     0.91
5.95     0.21     YES   HROFDY
 L0053297          0   0.52356E-02  443768.9 3749019.9   202.0     0.91
5.95     0.21     YES   HROFDY
 L0053298          0   0.52356E-02  443756.2 3749021.5   201.6     0.91
5.95     0.21     YES   HROFDY
 L0053299          0   0.52356E-02  443743.5 3749023.1   201.1     0.91
5.95     0.21     YES   HROFDY
 L0053300          0   0.52356E-02  443730.8 3749024.7   200.7     0.91
5.95     0.21     YES   HROFDY
 L0053301          0   0.52356E-02  443718.1 3749026.8   200.3     0.91
5.95     0.21     YES   HROFDY
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0053302	0	0.52356E-02	443705.5	3749028.9	199.8	0.91	5.95	0.21	YES	HROFDY
L0053303	0	0.52356E-02	443692.9	3749031.0	199.3	0.91	5.95	0.21	YES	HROFDY
L0053304	0	0.52356E-02	443680.3	3749033.2	198.8	0.91	5.95	0.21	YES	HROFDY
L0053305	0	0.52356E-02	443667.6	3749035.3	198.7	0.91	5.95	0.21	YES	HROFDY
L0053306	0	0.52356E-02	443655.0	3749037.4	198.6	0.91	5.95	0.21	YES	HROFDY
L0053307	0	0.52356E-02	443642.4	3749039.6	198.6	0.91	5.95	0.21	YES	HROFDY
L0053308	0	0.52356E-02	443629.8	3749041.7	198.5	0.91	5.95	0.21	YES	HROFDY
L0053309	0	0.52356E-02	443617.2	3749043.9	198.4	0.91	5.95	0.21	YES	HROFDY
L0053310	0	0.52356E-02	443604.5	3749046.0	198.2	0.91	5.95	0.21	YES	HROFDY
L0053311	0	0.52356E-02	443591.9	3749048.1	198.0	0.91	5.95	0.21	YES	HROFDY
L0053312	0	0.52356E-02	443579.3	3749050.3	198.0	0.91	5.95	0.21	YES	HROFDY
L0053313	0	0.52356E-02	443566.7	3749052.4	198.0	0.91	5.95	0.21	YES	HROFDY
L0053314	0	0.52356E-02	443554.0	3749054.5	197.8	0.91	5.95	0.21	YES	HROFDY
L0053315	0	0.52356E-02	443541.4	3749056.7	197.4	0.91	5.95	0.21	YES	HROFDY
L0053316	0	0.52356E-02	443528.8	3749058.8	197.0	0.91	5.95	0.21	YES	HROFDY

L0053317		0	0.52356E-02	443516.2	3749061.0	196.9	0.91	
5.95	0.21	YES	HROFDY					
L0053318		0	0.52356E-02	443503.6	3749063.1	196.8	0.91	
5.95	0.21	YES	HROFDY					
L0053319		0	0.52356E-02	443490.9	3749065.2	196.5	0.91	
5.95	0.21	YES	HROFDY					
L0053320		0	0.52356E-02	443478.3	3749067.4	196.2	0.91	
5.95	0.21	YES	HROFDY					
L0053321		0	0.52356E-02	443465.7	3749069.4	195.9	0.91	
5.95	0.21	YES	HROFDY					
L0053322		0	0.52356E-02	443453.0	3749071.4	195.5	0.91	
5.95	0.21	YES	HROFDY					
L0053323		0	0.52356E-02	443440.4	3749073.4	195.0	0.91	
5.95	0.21	YES	HROFDY					
L0053324		0	0.52356E-02	443427.7	3749075.4	194.8	0.91	
5.95	0.21	YES	HROFDY					
L0053325		0	0.52356E-02	443415.1	3749077.4	194.4	0.91	
5.95	0.21	YES	HROFDY					
L0053326		0	0.52356E-02	443402.5	3749079.4	194.2	0.91	
5.95	0.21	YES	HROFDY					
L0053327		0	0.52356E-02	443389.8	3749081.3	194.1	0.91	
5.95	0.21	YES	HROFDY					
L0053328		0	0.52356E-02	443377.2	3749083.3	193.9	0.91	
5.95	0.21	YES	HROFDY					
L0053329		0	0.52356E-02	443364.5	3749085.3	193.5	0.91	
5.95	0.21	YES	HROFDY					
L0053330		0	0.52356E-02	443351.9	3749087.3	193.1	0.91	
5.95	0.21	YES	HROFDY					
L0053331		0	0.52356E-02	443339.2	3749089.3	193.0	0.91	
5.95	0.21	YES	HROFDY					
L0053332		0	0.52356E-02	443326.6	3749091.3	192.9	0.91	
5.95	0.21	YES	HROFDY					
L0053333		0	0.52356E-02	443313.9	3749093.3	192.6	0.91	
5.95	0.21	YES	HROFDY					
L0053334		0	0.52356E-02	443301.3	3749095.3	192.1	0.91	
5.95	0.21	YES	HROFDY					
L0053335		0	0.52356E-02	443288.6	3749097.3	191.6	0.91	
5.95	0.21	YES	HROFDY					
L0053336		0	0.52356E-02	443276.0	3749099.3	191.3	0.91	
5.95	0.21	YES	HROFDY					
L0053337		0	0.52356E-02	443263.3	3749101.3	191.1	0.91	
5.95	0.21	YES	HROFDY					
L0053338		0	0.52356E-02	443250.7	3749103.2	190.8	0.91	
5.95	0.21	YES	HROFDY					
L0053339		0	0.52356E-02	443238.0	3749105.1	190.6	0.91	
5.95	0.21	YES	HROFDY					
L0053340		0	0.52356E-02	443225.4	3749107.1	190.3	0.91	
5.95	0.21	YES	HROFDY					
L0053341		0	0.52356E-02	443212.7	3749109.0	190.1	0.91	
5.95	0.21	YES	HROFDY					

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0053342	0	0.52356E-02	443200.1	3749111.0	190.0	0.91	5.95	0.21	YES	HROFDY
L0053343	0	0.52356E-02	443187.4	3749112.9	189.6	0.91	5.95	0.21	YES	HROFDY
L0053344	0	0.52356E-02	443174.8	3749114.8	189.2	0.91	5.95	0.21	YES	HROFDY
L0053345	0	0.52356E-02	443162.1	3749116.8	188.7	0.91	5.95	0.21	YES	HROFDY
L0053346	0	0.52356E-02	443149.5	3749118.7	188.3	0.91	5.95	0.21	YES	HROFDY
L0053347	0	0.52356E-02	443136.8	3749120.7	187.9	0.91	5.95	0.21	YES	HROFDY
L0053348	0	0.52356E-02	443124.2	3749122.6	187.5	0.91	5.95	0.21	YES	HROFDY
L0053349	0	0.52356E-02	443111.5	3749124.6	187.1	0.91	5.95	0.21	YES	HROFDY
L0053350	0	0.52356E-02	443098.9	3749126.6	186.9	0.91	5.95	0.21	YES	HROFDY
L0053351	0	0.52356E-02	443086.2	3749128.6	186.7	0.91	5.95	0.21	YES	HROFDY
L0053352	0	0.52356E-02	443073.6	3749130.6	186.4	0.91	5.95	0.21	YES	HROFDY
L0053353	0	0.52356E-02	443060.9	3749132.7	186.2	0.91	5.95	0.21	YES	HROFDY
L0053354	0	0.52356E-02	443048.3	3749134.7	186.0	0.91	5.95	0.21	YES	HROFDY
L0053355	0	0.52356E-02	443035.7	3749136.8	185.4	0.91	5.95	0.21	YES	HROFDY
L0053356	0	0.52356E-02	443023.0	3749138.8	184.9	0.91	5.95	0.21	YES	HROFDY

L0053357		0	0.52356E-02	443010.4	3749140.8	184.5	0.91	
5.95	0.21	YES	HROFDY					
L0053358		0	0.52356E-02	442997.8	3749142.9	184.2	0.91	
5.95	0.21	YES	HROFDY					
L0053359		0	0.52356E-02	442985.1	3749144.9	183.8	0.91	
5.95	0.21	YES	HROFDY					
L0053360		0	0.52356E-02	442972.5	3749147.0	183.5	0.91	
5.95	0.21	YES	HROFDY					
L0053361		0	0.52356E-02	442959.8	3749149.0	183.1	0.91	
5.95	0.21	YES	HROFDY					
L0053362		0	0.52356E-02	442947.2	3749151.1	183.1	0.91	
5.95	0.21	YES	HROFDY					
L0053363		0	0.52356E-02	442934.6	3749153.1	183.0	0.91	
5.95	0.21	YES	HROFDY					
L0053364		0	0.52356E-02	442921.9	3749155.2	183.0	0.91	
5.95	0.21	YES	HROFDY					
L0053365		0	0.52356E-02	442909.3	3749157.2	183.0	0.91	
5.95	0.21	YES	HROFDY					
L0053366		0	0.52356E-02	442896.7	3749159.3	183.0	0.91	
5.95	0.21	YES	HROFDY					
L0053367		0	0.52356E-02	442884.0	3749161.3	182.7	0.91	
5.95	0.21	YES	HROFDY					
L0053368		0	0.52356E-02	442871.4	3749163.4	182.5	0.91	
5.95	0.21	YES	HROFDY					
L0053369		0	0.52356E-02	442858.8	3749165.4	181.3	0.91	
5.95	0.21	YES	HROFDY					
L0053370		0	0.52356E-02	442846.1	3749167.4	180.0	0.91	
5.95	0.21	YES	HROFDY					
L0053371		0	0.52356E-02	442833.5	3749169.3	179.4	0.91	
5.95	0.21	YES	HROFDY					
L0053372		0	0.52356E-02	442820.8	3749171.3	179.7	0.91	
5.95	0.21	YES	HROFDY					
L0053373		0	0.52356E-02	442808.2	3749173.3	180.0	0.91	
5.95	0.21	YES	HROFDY					
L0053374		0	0.52356E-02	442795.5	3749175.2	180.0	0.91	
5.95	0.21	YES	HROFDY					
L0053375		0	0.52356E-02	442782.9	3749177.2	180.0	0.91	
5.95	0.21	YES	HROFDY					
L0053376		0	0.52356E-02	442770.2	3749179.1	180.5	0.91	
5.95	0.21	YES	HROFDY					
L0053377		0	0.52356E-02	442757.6	3749181.1	181.2	0.91	
5.95	0.21	YES	HROFDY					
L0053378		0	0.52356E-02	442744.9	3749183.1	181.5	0.91	
5.95	0.21	YES	HROFDY					
L0053379		0	0.52356E-02	442732.2	3749185.0	181.4	0.91	
5.95	0.21	YES	HROFDY					
L0053380		0	0.52356E-02	442719.6	3749186.9	181.3	0.91	
5.95	0.21	YES	HROFDY					
L0053381		0	0.52356E-02	442706.9	3749188.7	181.9	0.91	
5.95	0.21	YES	HROFDY					

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC) SCALAR	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	URBAN SOURCE	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE VARY BY
L0053382	0	0.52356E-02	442694.3	3749190.6	182.7	0.91	YES	5.95	0.21	HROFDY
L0053383	0	0.52356E-02	442681.6	3749192.5	183.0	0.91	YES	5.95	0.21	HROFDY
L0053384	0	0.52356E-02	442668.9	3749194.3	183.0	0.91	YES	5.95	0.21	HROFDY
L0053385	0	0.52356E-02	442656.3	3749196.2	183.0	0.91	YES	5.95	0.21	HROFDY
L0053386	0	0.52356E-02	442643.6	3749198.1	183.0	0.91	YES	5.95	0.21	HROFDY
L0053387	0	0.52356E-02	442630.9	3749200.0	183.0	0.91	YES	5.95	0.21	HROFDY
L0053388	0	0.52356E-02	442618.4	3749202.3	183.0	0.91	YES	5.95	0.21	HROFDY
L0053389	0	0.52356E-02	442605.8	3749204.6	183.0	0.91	YES	5.95	0.21	HROFDY
L0053390	0	0.52356E-02	442593.2	3749206.9	182.8	0.91	YES	5.95	0.21	HROFDY
L0053391	0	0.52356E-02	442580.6	3749209.2	182.4	0.91	YES	5.95	0.21	HROFDY
L0053392	0	0.52356E-02	442568.0	3749211.5	182.0	0.91	YES	5.95	0.21	HROFDY
L0053393	0	0.52356E-02	442555.4	3749214.1	181.8	0.91	YES	5.95	0.21	HROFDY
L0053394	0	0.52356E-02	442542.9	3749216.6	181.4	0.91	YES	5.95	0.21	HROFDY
L0053395	0	0.52356E-02	442530.3	3749219.2	180.8	0.91	YES	5.95	0.21	HROFDY
L0053396	0	0.52356E-02	442517.8	3749221.8	180.2	0.91	YES	5.95	0.21	HROFDY

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 L0053397          0   0.52356E-02  442505.3 3749224.3   179.9     0.91
5.95     0.21     YES   HROFDY
 L0053398          0   0.52356E-02  442492.8 3749227.2   180.0     0.91
5.95     0.21     YES   HROFDY
 L0053399          0   0.52356E-02  442480.6 3749231.1   180.1     0.91
5.95     0.21     YES   HROFDY
 L0053400          0   0.52356E-02  442468.4 3749234.9   179.7     0.91
5.95     0.21     YES   HROFDY
 L0053401          0   0.52356E-02  442456.2 3749238.8   179.1     0.91
5.95     0.21     YES   HROFDY
 L0053402          0   0.52356E-02  442444.0 3749242.6   178.6     0.91
5.95     0.21     YES   HROFDY
 L0053403          0   0.52356E-02  442431.8 3749246.5   178.1     0.91
5.95     0.21     YES   HROFDY
 L0053404          0   0.52356E-02  442419.6 3749250.3   177.5     0.91
5.95     0.21     YES   HROFDY
 L0053405          0   0.52356E-02  442407.5 3749254.5   177.5     0.91
5.95     0.21     YES   HROFDY
 L0053406          0   0.52356E-02  442395.4 3749258.8   177.4     0.91
5.95     0.21     YES   HROFDY
 L0053407          0   0.52356E-02  442383.3 3749263.1   177.0     0.91
5.95     0.21     YES   HROFDY
 L0053408          0   0.52356E-02  442371.4 3749267.7   176.3     0.91
5.95     0.21     YES   HROFDY
 L0053409          0   0.52356E-02  442359.4 3749272.2   175.8     0.91
5.95     0.21     YES   HROFDY
 L0053410          0   0.52356E-02  442347.4 3749276.7   176.3     0.91
5.95     0.21     YES   HROFDY
 L0053411          0   0.52356E-02  442335.5 3749281.2   176.7     0.91
5.95     0.21     YES   HROFDY
 L0053412          0   0.52356E-02  442323.5 3749285.8   177.1     0.91
5.95     0.21     YES   HROFDY
 L0053413          0   0.52356E-02  442311.5 3749290.3   177.6     0.91
5.95     0.21     YES   HROFDY
 L0053414          0   0.52356E-02  442299.5 3749294.8   178.1     0.91
5.95     0.21     YES   HROFDY
 L0053415          0   0.52356E-02  442287.6 3749299.5   178.3     0.91
5.95     0.21     YES   HROFDY
 L0053416          0   0.52356E-02  442275.8 3749304.5   178.5     0.91
5.95     0.21     YES   HROFDY
 L0053417          0   0.52356E-02  442264.0 3749309.4   178.5     0.91
5.95     0.21     YES   HROFDY
 L0053418          0   0.52356E-02  442252.2 3749314.3   178.1     0.91
5.95     0.21     YES   HROFDY
 L0053419          0   0.52356E-02  442240.4 3749319.2   177.5     0.91
5.95     0.21     YES   HROFDY
 L0053420          0   0.52356E-02  442228.5 3749324.1   177.5     0.91
5.95     0.21     YES   HROFDY
 L0053421          0   0.52356E-02  442216.7 3749329.1   177.7     0.91
5.95     0.21     YES   HROFDY
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0053422	0	0.52356E-02	442204.9	3749334.0	177.8	0.91	5.95	0.21	YES	HROFDY
L0053423	0	0.52356E-02	442193.1	3749338.9	177.7	0.91	5.95	0.21	YES	HROFDY
L0053424	0	0.52356E-02	442181.3	3749343.8	177.2	0.91	5.95	0.21	YES	HROFDY
L0053425	0	0.52356E-02	442169.5	3749348.8	177.2	0.91	5.95	0.21	YES	HROFDY
L0053426	0	0.52356E-02	442157.6	3749353.7	177.5	0.91	5.95	0.21	YES	HROFDY
L0053427	0	0.52356E-02	442145.8	3749358.6	177.8	0.91	5.95	0.21	YES	HROFDY
L0053428	0	0.52356E-02	442134.0	3749363.5	177.5	0.91	5.95	0.21	YES	HROFDY
L0053429	0	0.52356E-02	442122.2	3749368.5	177.2	0.91	5.95	0.21	YES	HROFDY
L0053430	0	0.52356E-02	442110.4	3749373.5	176.4	0.91	5.95	0.21	YES	HROFDY
L0053431	0	0.52356E-02	442098.7	3749378.6	176.2	0.91	5.95	0.21	YES	HROFDY
L0053432	0	0.52356E-02	442086.9	3749383.7	176.0	0.91	5.95	0.21	YES	HROFDY
L0053433	0	0.52356E-02	442075.2	3749388.8	175.9	0.91	5.95	0.21	YES	HROFDY
L0053434	0	0.81967E-02	442068.4	3749373.1	176.3	0.91	9.36	0.21	YES	HROFDY
L0053435	0	0.81967E-02	442087.1	3749365.6	176.1	0.91	9.36	0.21	YES	HROFDY
L0053436	0	0.81967E-02	442105.7	3749358.1	176.0	0.91	9.36	0.21	YES	HROFDY

L0053437		0	0.81967E-02	442124.4	3749350.7	178.0	0.91	
9.36	0.21	YES	HROFDY					
L0053438		0	0.81967E-02	442143.1	3749343.2	178.0	0.91	
9.36	0.21	YES	HROFDY					
L0053439		0	0.81967E-02	442161.8	3749335.7	178.0	0.91	
9.36	0.21	YES	HROFDY					
L0053440		0	0.81967E-02	442180.4	3749328.2	178.8	0.91	
9.36	0.21	YES	HROFDY					
L0053441		0	0.81967E-02	442199.1	3749320.7	178.4	0.91	
9.36	0.21	YES	HROFDY					
L0053442		0	0.81967E-02	442217.8	3749313.2	178.3	0.91	
9.36	0.21	YES	HROFDY					
L0053443		0	0.81967E-02	442236.4	3749305.6	178.4	0.91	
9.36	0.21	YES	HROFDY					
L0053444		0	0.81967E-02	442255.0	3749298.0	178.9	0.91	
9.36	0.21	YES	HROFDY					
L0053445		0	0.81967E-02	442273.6	3749290.3	179.2	0.91	
9.36	0.21	YES	HROFDY					
L0053446		0	0.81967E-02	442292.2	3749282.6	179.1	0.91	
9.36	0.21	YES	HROFDY					
L0053447		0	0.81967E-02	442310.8	3749275.0	178.7	0.91	
9.36	0.21	YES	HROFDY					
L0053448		0	0.81967E-02	442329.4	3749267.3	177.9	0.91	
9.36	0.21	YES	HROFDY					
L0053449		0	0.81967E-02	442348.0	3749259.6	177.5	0.91	
9.36	0.21	YES	HROFDY					
L0053450		0	0.81967E-02	442366.9	3749252.8	177.8	0.91	
9.36	0.21	YES	HROFDY					
L0053451		0	0.81967E-02	442385.8	3749246.0	178.4	0.91	
9.36	0.21	YES	HROFDY					
L0053452		0	0.81967E-02	442404.8	3749239.1	178.3	0.91	
9.36	0.21	YES	HROFDY					
L0053453		0	0.81967E-02	442423.7	3749232.5	178.2	0.91	
9.36	0.21	YES	HROFDY					
L0053454		0	0.81967E-02	442443.0	3749226.7	179.3	0.91	
9.36	0.21	YES	HROFDY					
L0053455		0	0.81967E-02	442462.3	3749221.0	180.2	0.91	
9.36	0.21	YES	HROFDY					
L0053456		0	0.81967E-02	442481.6	3749215.3	180.7	0.91	
9.36	0.21	YES	HROFDY					
L0053457		0	0.81967E-02	442501.1	3749210.4	180.8	0.91	
9.36	0.21	YES	HROFDY					
L0053458		0	0.81967E-02	442520.7	3749205.8	181.4	0.91	
9.36	0.21	YES	HROFDY					
L0053459		0	0.81967E-02	442540.2	3749201.1	182.2	0.91	
9.36	0.21	YES	HROFDY					
L0053460		0	0.81967E-02	442559.8	3749196.5	182.3	0.91	
9.36	0.21	YES	HROFDY					
L0053461		0	0.81967E-02	442579.4	3749191.9	182.7	0.91	
9.36	0.21	YES	HROFDY					

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE PART. CATS.	EMISSION RATE (GRAMS/SEC) SCALAR	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	URBAN SOURCE	INIT. SZ (METERS)	INIT. SY (METERS)	VARY BY
L0053462	0	0.81967E-02	442599.2	3749188.5	183.0	0.91	YES	9.36	0.21	HROFDY
L0053463	0	0.81967E-02	442619.1	3749185.4	183.0	0.91	YES	9.36	0.21	HROFDY
L0053464	0	0.81967E-02	442639.0	3749182.3	183.0	0.91	YES	9.36	0.21	HROFDY
L0053465	0	0.81967E-02	442658.9	3749179.2	183.0	0.91	YES	9.36	0.21	HROFDY
L0053466	0	0.81967E-02	442678.7	3749176.1	183.0	0.91	YES	9.36	0.21	HROFDY
L0053467	0	0.81967E-02	442698.6	3749173.0	182.8	0.91	YES	9.36	0.21	HROFDY
L0053468	0	0.81967E-02	442718.5	3749170.1	182.4	0.91	YES	9.36	0.21	HROFDY
L0053469	0	0.81967E-02	442738.4	3749167.3	182.2	0.91	YES	9.36	0.21	HROFDY
L0053470	0	0.81967E-02	442758.3	3749164.5	181.5	0.91	YES	9.36	0.21	HROFDY
L0053471	0	0.81967E-02	442778.3	3749161.6	180.5	0.91	YES	9.36	0.21	HROFDY
L0053472	0	0.81967E-02	442798.2	3749158.8	180.2	0.91	YES	9.36	0.21	HROFDY
L0053473	0	0.81967E-02	442818.1	3749155.9	179.9	0.91	YES	9.36	0.21	HROFDY
L0053474	0	0.81967E-02	442838.0	3749153.1	179.8	0.91	YES	9.36	0.21	HROFDY
L0053475	0	0.81967E-02	442857.9	3749150.4	181.7	0.91	YES	9.36	0.21	HROFDY
L0053476	0	0.81967E-02	442877.9	3749148.0	183.0	0.91	YES	9.36	0.21	HROFDY

L0053477		0	0.81967E-02	442897.9	3749145.6	183.0	0.91	
9.36	0.21	YES	HROFDY					
L0053478		0	0.81967E-02	442917.9	3749143.1	183.0	0.91	
9.36	0.21	YES	HROFDY					
L0053479		0	0.81967E-02	442937.8	3749140.7	183.0	0.91	
9.36	0.21	YES	HROFDY					
L0053480		0	0.81967E-02	442957.7	3749137.9	183.0	0.91	
9.36	0.21	YES	HROFDY					
L0053481		0	0.81967E-02	442977.6	3749134.6	183.4	0.91	
9.36	0.21	YES	HROFDY					
L0053482		0	0.81967E-02	442997.4	3749131.2	183.8	0.91	
9.36	0.21	YES	HROFDY					
L0053483		0	0.81967E-02	443017.2	3749127.8	184.3	0.91	
9.36	0.21	YES	HROFDY					
L0053484		0	0.81967E-02	443037.1	3749124.4	185.3	0.91	
9.36	0.21	YES	HROFDY					
L0053485		0	0.81967E-02	443056.9	3749121.0	186.2	0.91	
9.36	0.21	YES	HROFDY					
L0053486		0	0.81967E-02	443076.7	3749117.6	186.9	0.91	
9.36	0.21	YES	HROFDY					
L0053487		0	0.81967E-02	443096.5	3749114.2	187.0	0.91	
9.36	0.21	YES	HROFDY					
L0053488		0	0.81967E-02	443116.4	3749110.8	187.4	0.91	
9.36	0.21	YES	HROFDY					
L0053489		0	0.81967E-02	443136.2	3749107.4	188.2	0.91	
9.36	0.21	YES	HROFDY					
L0053490		0	0.81967E-02	443156.1	3749104.3	188.7	0.91	
9.36	0.21	YES	HROFDY					
L0053491		0	0.81967E-02	443176.0	3749101.4	189.2	0.91	
9.36	0.21	YES	HROFDY					
L0053492		0	0.81967E-02	443195.9	3749098.6	189.9	0.91	
9.36	0.21	YES	HROFDY					
L0053493		0	0.81967E-02	443215.8	3749095.7	190.4	0.91	
9.36	0.21	YES	HROFDY					
L0053494		0	0.81967E-02	443235.7	3749092.9	190.8	0.91	
9.36	0.21	YES	HROFDY					
L0053495		0	0.81967E-02	443255.6	3749090.0	191.0	0.91	
9.36	0.21	YES	HROFDY					
L0053496		0	0.81967E-02	443275.5	3749086.9	191.5	0.91	
9.36	0.21	YES	HROFDY					
L0053497		0	0.81967E-02	443295.3	3749083.5	192.2	0.91	
9.36	0.21	YES	HROFDY					
L0053498		0	0.81967E-02	443315.2	3749080.2	192.9	0.91	
9.36	0.21	YES	HROFDY					
L0053499		0	0.81967E-02	443335.0	3749076.9	193.2	0.91	
9.36	0.21	YES	HROFDY					
L0053500		0	0.81967E-02	443354.9	3749073.7	193.5	0.91	
9.36	0.21	YES	HROFDY					
L0053501		0	0.81967E-02	443374.8	3749070.6	193.9	0.91	
9.36	0.21	YES	HROFDY					

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0053502	0	0.81967E-02	443394.6	3749067.4	194.3	0.91	9.36	0.21	YES	HROFDY
L0053503	0	0.81967E-02	443414.5	3749064.1	194.8	0.91	9.36	0.21	YES	HROFDY
L0053504	0	0.81967E-02	443434.3	3749060.6	195.0	0.91	9.36	0.21	YES	HROFDY
L0053505	0	0.81967E-02	443454.1	3749057.1	195.5	0.91	9.36	0.21	YES	HROFDY
L0053506	0	0.81967E-02	443473.9	3749053.6	196.2	0.91	9.36	0.21	YES	HROFDY
L0053507	0	0.81967E-02	443493.7	3749050.1	196.8	0.91	9.36	0.21	YES	HROFDY
L0053508	0	0.81967E-02	443513.5	3749046.6	197.2	0.91	9.36	0.21	YES	HROFDY
L0053509	0	0.81967E-02	443533.3	3749043.1	197.5	0.91	9.36	0.21	YES	HROFDY
L0053510	0	0.81967E-02	443553.1	3749039.5	197.9	0.91	9.36	0.21	YES	HROFDY
L0053511	0	0.81967E-02	443572.9	3749036.0	198.0	0.91	9.36	0.21	YES	HROFDY
L0053512	0	0.81967E-02	443592.7	3749032.5	198.1	0.91	9.36	0.21	YES	HROFDY
L0053513	0	0.81967E-02	443612.5	3749028.9	198.7	0.91	9.36	0.21	YES	HROFDY
L0053514	0	0.81967E-02	443632.3	3749025.4	199.0	0.91	9.36	0.21	YES	HROFDY
L0053515	0	0.81967E-02	443652.1	3749021.9	199.1	0.91	9.36	0.21	YES	HROFDY
L0053516	0	0.81967E-02	443672.0	3749018.3	199.3	0.91	9.36	0.21	YES	HROFDY

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 L0053517          0   0.81967E-02  443691.8 3749014.8   199.8     0.91
9.36     0.21     YES   HROFDY
 L0053518          0   0.81967E-02  443711.6 3749011.7   200.5     0.91
9.36     0.21     YES   HROFDY
 L0053519          0   0.81967E-02  443731.5 3749008.7   200.9     0.91
9.36     0.21     YES   HROFDY
 L0053520          0   0.81967E-02  443751.4 3749005.6   201.4     0.91
9.36     0.21     YES   HROFDY
 L0053521          0   0.81967E-02  443771.3 3749002.6   202.0     0.91
9.36     0.21     YES   HROFDY
 L0053522          0   0.81967E-02  443791.2 3749000.0   202.0     0.91
9.36     0.21     YES   HROFDY
 L0053523          0   0.81967E-02  443811.2 3748998.0   202.0     0.91
9.36     0.21     YES   HROFDY
 L0053524          0   0.81967E-02  443831.3 3748996.4   202.1     0.91
9.36     0.21     YES   HROFDY
 L0053525          0   0.81967E-02  443851.4 3748995.0   202.7     0.91
9.36     0.21     YES   HROFDY
 L0053526          0   0.81967E-02  443871.4 3748993.7   203.4     0.91
9.36     0.21     YES   HROFDY
 L0053527          0   0.81967E-02  443891.6 3748993.9   204.0     0.91
9.36     0.21     YES   HROFDY
 L0053528          0   0.81967E-02  443911.7 3748994.1   204.0     0.91
9.36     0.21     YES   HROFDY
 L0053529          0   0.81967E-02  443931.8 3748994.3   204.4     0.91
9.36     0.21     YES   HROFDY
 L0053530          0   0.81967E-02  443951.9 3748994.5   205.0     0.91
9.36     0.21     YES   HROFDY
 L0053531          0   0.81967E-02  443972.0 3748994.7   205.0     0.91
9.36     0.21     YES   HROFDY
 L0053532          0   0.81967E-02  443992.1 3748994.9   205.0     0.91
9.36     0.21     YES   HROFDY
 L0053533          0   0.81967E-02  444012.2 3748995.2   205.1     0.91
9.36     0.21     YES   HROFDY
 L0053534          0   0.81967E-02  444032.3 3748996.7   205.8     0.91
9.36     0.21     YES   HROFDY
 L0053535          0   0.81967E-02  444052.3 3748998.7   206.4     0.91
9.36     0.21     YES   HROFDY
 L0053536          0   0.81967E-02  444072.3 3749000.6   206.9     0.91
9.36     0.21     YES   HROFDY
 L0053537          0   0.81967E-02  444092.4 3749002.6   206.8     0.91
9.36     0.21     YES   HROFDY
 L0053538          0   0.81967E-02  444112.4 3749004.5   206.7     0.91
9.36     0.21     YES   HROFDY
 L0053539          0   0.81967E-02  444132.4 3749006.7   206.7     0.91
9.36     0.21     YES   HROFDY
 L0053540          0   0.81967E-02  444152.2 3749010.3   206.9     0.91
9.36     0.21     YES   HROFDY
 L0053541          0   0.81967E-02  444172.0 3749013.9   207.0     0.91
9.36     0.21     YES   HROFDY
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC) SCALAR	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE VARY BY
L0053542	0	0.81967E-02	444191.8	3749017.5	207.0	0.91	9.36	0.21	YES HROFDY
L0053543	0	0.81967E-02	444211.5	3749021.0	207.1	0.91	9.36	0.21	YES HROFDY
L0053544	0	0.81967E-02	444231.3	3749024.6	207.1	0.91	9.36	0.21	YES HROFDY
L0053545	0	0.81967E-02	444251.1	3749028.2	206.9	0.91	9.36	0.21	YES HROFDY
L0053546	0	0.81967E-02	444270.9	3749031.9	206.8	0.91	9.36	0.21	YES HROFDY
L0053547	0	0.81967E-02	444290.7	3749035.7	206.7	0.91	9.36	0.21	YES HROFDY
L0053548	0	0.81967E-02	444310.4	3749039.4	206.6	0.91	9.36	0.21	YES HROFDY
L0053549	0	0.81967E-02	444330.2	3749043.2	206.4	0.91	9.36	0.21	YES HROFDY
L0053550	0	0.81967E-02	444350.0	3749046.9	206.6	0.91	9.36	0.21	YES HROFDY
L0053551	0	0.81967E-02	444369.7	3749050.6	207.0	0.91	9.36	0.21	YES HROFDY
L0053552	0	0.81967E-02	444389.5	3749054.4	207.7	0.91	9.36	0.21	YES HROFDY
L0053553	0	0.81967E-02	444409.3	3749058.1	208.0	0.91	9.36	0.21	YES HROFDY
L0053554	0	0.81967E-02	444429.0	3749061.9	208.0	0.91	9.36	0.21	YES HROFDY
L0053555	0	0.81967E-02	444448.8	3749065.6	208.0	0.91	9.36	0.21	YES HROFDY
L0053556	0	0.52356E-02	442071.7	3749365.5	176.4	3.66	5.95	0.85	YES HROFDY

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 L0053557          0   0.52356E-02  442083.5 3749360.7   176.2     3.66
5.95     0.85     YES   HROFDY
 L0053558          0   0.52356E-02  442095.4 3749355.9   176.0     3.66
5.95     0.85     YES   HROFDY
 L0053559          0   0.52356E-02  442107.3 3749351.2   176.1     3.66
5.95     0.85     YES   HROFDY
 L0053560          0   0.52356E-02  442119.2 3749346.4   176.0     3.66
5.95     0.85     YES   HROFDY
 L0053561          0   0.52356E-02  442131.1 3749341.7   178.0     3.66
5.95     0.85     YES   HROFDY
 L0053562          0   0.52356E-02  442143.0 3749336.9   178.0     3.66
5.95     0.85     YES   HROFDY
 L0053563          0   0.52356E-02  442154.8 3749332.1   178.1     3.66
5.95     0.85     YES   HROFDY
 L0053564          0   0.52356E-02  442166.7 3749327.4   178.5     3.66
5.95     0.85     YES   HROFDY
 L0053565          0   0.52356E-02  442178.6 3749322.6   178.9     3.66
5.95     0.85     YES   HROFDY
 L0053566          0   0.52356E-02  442190.5 3749317.9   178.6     3.66
5.95     0.85     YES   HROFDY
 L0053567          0   0.52356E-02  442202.4 3749313.1   178.5     3.66
5.95     0.85     YES   HROFDY
 L0053568          0   0.52356E-02  442214.2 3749308.3   178.5     3.66
5.95     0.85     YES   HROFDY
 L0053569          0   0.52356E-02  442226.1 3749303.6   178.6     3.66
5.95     0.85     YES   HROFDY
 L0053570          0   0.52356E-02  442238.0 3749298.8   178.8     3.66
5.95     0.85     YES   HROFDY
 L0053571          0   0.52356E-02  442249.9 3749294.0   179.1     3.66
5.95     0.85     YES   HROFDY
 L0053572          0   0.52356E-02  442261.8 3749289.3   179.5     3.66
5.95     0.85     YES   HROFDY
 L0053573          0   0.52356E-02  442273.7 3749284.5   179.6     3.66
5.95     0.85     YES   HROFDY
 L0053574          0   0.52356E-02  442285.6 3749279.9   179.5     3.66
5.95     0.85     YES   HROFDY
 L0053575          0   0.52356E-02  442297.6 3749275.4   179.4     3.66
5.95     0.85     YES   HROFDY
 L0053576          0   0.52356E-02  442309.5 3749270.8   179.0     3.66
5.95     0.85     YES   HROFDY
 L0053577          0   0.52356E-02  442321.5 3749266.3   178.5     3.66
5.95     0.85     YES   HROFDY
 L0053578          0   0.52356E-02  442333.5 3749261.7   178.2     3.66
5.95     0.85     YES   HROFDY
 L0053579          0   0.52356E-02  442345.4 3749257.2   178.0     3.66
5.95     0.85     YES   HROFDY
 L0053580          0   0.52356E-02  442357.4 3749252.6   177.9     3.66
5.95     0.85     YES   HROFDY
 L0053581          0   0.52356E-02  442369.4 3749248.1   178.3     3.66
5.95     0.85     YES   HROFDY
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0053582	0	0.52356E-02	442381.4	3749243.6	178.6	3.66	5.95	0.85	YES	HROFDY
L0053583	0	0.52356E-02	442393.4	3749239.3	178.7	3.66	5.95	0.85	YES	HROFDY
L0053584	0	0.52356E-02	442405.6	3749235.4	178.5	3.66	5.95	0.85	YES	HROFDY
L0053585	0	0.52356E-02	442417.8	3749231.5	178.1	3.66	5.95	0.85	YES	HROFDY
L0053586	0	0.52356E-02	442430.0	3749227.6	178.6	3.66	5.95	0.85	YES	HROFDY
L0053587	0	0.52356E-02	442442.2	3749223.8	179.4	3.66	5.95	0.85	YES	HROFDY
L0053588	0	0.52356E-02	442454.4	3749219.9	180.2	3.66	5.95	0.85	YES	HROFDY
L0053589	0	0.52356E-02	442466.6	3749216.0	180.5	3.66	5.95	0.85	YES	HROFDY
L0053590	0	0.52356E-02	442478.8	3749212.1	180.8	3.66	5.95	0.85	YES	HROFDY
L0053591	0	0.52356E-02	442491.2	3749209.0	180.9	3.66	5.95	0.85	YES	HROFDY
L0053592	0	0.52356E-02	442503.7	3749205.9	181.0	3.66	5.95	0.85	YES	HROFDY
L0053593	0	0.52356E-02	442516.1	3749202.9	181.3	3.66	5.95	0.85	YES	HROFDY
L0053594	0	0.52356E-02	442528.5	3749199.8	181.9	3.66	5.95	0.85	YES	HROFDY
L0053595	0	0.52356E-02	442540.9	3749196.7	182.3	3.66	5.95	0.85	YES	HROFDY
L0053596	0	0.52356E-02	442553.3	3749193.6	182.4	3.66	5.95	0.85	YES	HROFDY

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 L0053597          0   0.52356E-02  442565.8 3749190.6   182.5     3.66
5.95     0.85     YES   HROFDY
 L0053598          0   0.52356E-02  442578.4 3749188.6   182.7     3.66
5.95     0.85     YES   HROFDY
 L0053599          0   0.52356E-02  442591.1 3749186.5   182.9     3.66
5.95     0.85     YES   HROFDY
 L0053600          0   0.52356E-02  442603.7 3749184.5   183.0     3.66
5.95     0.85     YES   HROFDY
 L0053601          0   0.52356E-02  442616.3 3749182.5   183.0     3.66
5.95     0.85     YES   HROFDY
 L0053602          0   0.52356E-02  442629.0 3749180.4   183.0     3.66
5.95     0.85     YES   HROFDY
 L0053603          0   0.52356E-02  442641.6 3749178.4   183.0     3.66
5.95     0.85     YES   HROFDY
 L0053604          0   0.52356E-02  442654.3 3749176.3   183.0     3.66
5.95     0.85     YES   HROFDY
 L0053605          0   0.52356E-02  442666.9 3749174.3   183.1     3.66
5.95     0.85     YES   HROFDY
 L0053606          0   0.52356E-02  442679.6 3749172.4   183.1     3.66
5.95     0.85     YES   HROFDY
 L0053607          0   0.52356E-02  442692.2 3749170.5   183.1     3.66
5.95     0.85     YES   HROFDY
 L0053608          0   0.52356E-02  442704.9 3749168.6   182.9     3.66
5.95     0.85     YES   HROFDY
 L0053609          0   0.52356E-02  442717.5 3749166.6   182.7     3.66
5.95     0.85     YES   HROFDY
 L0053610          0   0.52356E-02  442730.2 3749164.7   182.5     3.66
5.95     0.85     YES   HROFDY
 L0053611          0   0.52356E-02  442742.8 3749162.8   182.2     3.66
5.95     0.85     YES   HROFDY
 L0053612          0   0.52356E-02  442755.5 3749160.9   181.7     3.66
5.95     0.85     YES   HROFDY
 L0053613          0   0.52356E-02  442768.2 3749159.0   181.1     3.66
5.95     0.85     YES   HROFDY
 L0053614          0   0.52356E-02  442780.8 3749157.1   180.6     3.66
5.95     0.85     YES   HROFDY
 L0053615          0   0.52356E-02  442793.5 3749155.2   180.4     3.66
5.95     0.85     YES   HROFDY
 L0053616          0   0.52356E-02  442806.1 3749153.3   180.1     3.66
5.95     0.85     YES   HROFDY
 L0053617          0   0.52356E-02  442818.8 3749151.4   180.0     3.66
5.95     0.85     YES   HROFDY
 L0053618          0   0.52356E-02  442831.5 3749149.5   179.9     3.66
5.95     0.85     YES   HROFDY
 L0053619          0   0.52356E-02  442844.1 3749147.6   180.4     3.66
5.95     0.85     YES   HROFDY
 L0053620          0   0.52356E-02  442856.8 3749145.7   181.7     3.66
5.95     0.85     YES   HROFDY
 L0053621          0   0.52356E-02  442869.4 3749143.8   182.8     3.66
5.95     0.85     YES   HROFDY
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0053622	0	0.52356E-02	442882.1	3749141.9	182.8	3.66	5.95	0.85	YES	HROFDY
L0053623	0	0.52356E-02	442894.8	3749140.0	182.9	3.66	5.95	0.85	YES	HROFDY
L0053624	0	0.52356E-02	442907.4	3749138.1	183.0	3.66	5.95	0.85	YES	HROFDY
L0053625	0	0.52356E-02	442920.1	3749136.2	183.0	3.66	5.95	0.85	YES	HROFDY
L0053626	0	0.52356E-02	442932.7	3749134.3	183.0	3.66	5.95	0.85	YES	HROFDY
L0053627	0	0.52356E-02	442945.4	3749132.4	183.0	3.66	5.95	0.85	YES	HROFDY
L0053628	0	0.52356E-02	442958.0	3749130.2	183.0	3.66	5.95	0.85	YES	HROFDY
L0053629	0	0.52356E-02	442970.6	3749128.0	183.2	3.66	5.95	0.85	YES	HROFDY
L0053630	0	0.52356E-02	442983.2	3749125.8	183.3	3.66	5.95	0.85	YES	HROFDY
L0053631	0	0.52356E-02	442995.9	3749123.6	183.5	3.66	5.95	0.85	YES	HROFDY
L0053632	0	0.52356E-02	443008.5	3749121.5	183.8	3.66	5.95	0.85	YES	HROFDY
L0053633	0	0.52356E-02	443021.1	3749119.3	184.2	3.66	5.95	0.85	YES	HROFDY
L0053634	0	0.52356E-02	443033.7	3749117.1	185.0	3.66	5.95	0.85	YES	HROFDY
L0053635	0	0.52356E-02	443046.3	3749114.9	185.8	3.66	5.95	0.85	YES	HROFDY
L0053636	0	0.52356E-02	443058.9	3749112.8	186.2	3.66	5.95	0.85	YES	HROFDY

L0053637		0	0.52356E-02	443071.6	3749110.9	186.7	3.66	
5.95	0.85	YES	HROFDY					
L0053638		0	0.52356E-02	443084.3	3749109.0	187.0	3.66	
5.95	0.85	YES	HROFDY					
L0053639		0	0.52356E-02	443096.9	3749107.1	187.2	3.66	
5.95	0.85	YES	HROFDY					
L0053640		0	0.52356E-02	443109.6	3749105.2	187.4	3.66	
5.95	0.85	YES	HROFDY					
L0053641		0	0.52356E-02	443122.2	3749103.3	187.9	3.66	
5.95	0.85	YES	HROFDY					
L0053642		0	0.52356E-02	443134.9	3749101.4	188.4	3.66	
5.95	0.85	YES	HROFDY					
L0053643		0	0.52356E-02	443147.6	3749099.5	188.7	3.66	
5.95	0.85	YES	HROFDY					
L0053644		0	0.52356E-02	443160.2	3749097.6	188.9	3.66	
5.95	0.85	YES	HROFDY					
L0053645		0	0.52356E-02	443172.9	3749095.7	189.1	3.66	
5.95	0.85	YES	HROFDY					
L0053646		0	0.52356E-02	443185.5	3749093.8	189.5	3.66	
5.95	0.85	YES	HROFDY					
L0053647		0	0.52356E-02	443198.2	3749091.9	190.0	3.66	
5.95	0.85	YES	HROFDY					
L0053648		0	0.52356E-02	443210.9	3749090.0	190.3	3.66	
5.95	0.85	YES	HROFDY					
L0053649		0	0.52356E-02	443223.5	3749088.1	190.8	3.66	
5.95	0.85	YES	HROFDY					
L0053650		0	0.52356E-02	443236.2	3749086.2	191.0	3.66	
5.95	0.85	YES	HROFDY					
L0053651		0	0.52356E-02	443248.8	3749084.3	191.0	3.66	
5.95	0.85	YES	HROFDY					
L0053652		0	0.52356E-02	443261.5	3749082.4	191.2	3.66	
5.95	0.85	YES	HROFDY					
L0053653		0	0.52356E-02	443274.1	3749080.4	191.6	3.66	
5.95	0.85	YES	HROFDY					
L0053654		0	0.52356E-02	443286.8	3749078.2	191.9	3.66	
5.95	0.85	YES	HROFDY					
L0053655		0	0.52356E-02	443299.4	3749076.1	192.3	3.66	
5.95	0.85	YES	HROFDY					
L0053656		0	0.52356E-02	443312.0	3749074.0	192.8	3.66	
5.95	0.85	YES	HROFDY					
L0053657		0	0.52356E-02	443324.6	3749071.8	193.1	3.66	
5.95	0.85	YES	HROFDY					
L0053658		0	0.52356E-02	443337.2	3749069.7	193.3	3.66	
5.95	0.85	YES	HROFDY					
L0053659		0	0.52356E-02	443349.9	3749067.6	193.6	3.66	
5.95	0.85	YES	HROFDY					
L0053660		0	0.52356E-02	443362.5	3749065.4	193.8	3.66	
5.95	0.85	YES	HROFDY					
L0053661		0	0.52356E-02	443375.1	3749063.3	194.0	3.66	
5.95	0.85	YES	HROFDY					

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0053662	0	0.52356E-02	443387.8	3749061.4	194.2	3.66	5.95	0.85	YES	HROFDY
L0053663	0	0.52356E-02	443400.4	3749059.4	194.6	3.66	5.95	0.85	YES	HROFDY
L0053664	0	0.52356E-02	443413.1	3749057.5	195.0	3.66	5.95	0.85	YES	HROFDY
L0053665	0	0.52356E-02	443425.7	3749055.6	195.0	3.66	5.95	0.85	YES	HROFDY
L0053666	0	0.52356E-02	443438.4	3749053.7	195.1	3.66	5.95	0.85	YES	HROFDY
L0053667	0	0.52356E-02	443451.0	3749051.7	195.5	3.66	5.95	0.85	YES	HROFDY
L0053668	0	0.52356E-02	443463.7	3749049.8	195.9	3.66	5.95	0.85	YES	HROFDY
L0053669	0	0.52356E-02	443476.4	3749047.9	196.2	3.66	5.95	0.85	YES	HROFDY
L0053670	0	0.52356E-02	443489.0	3749045.9	196.7	3.66	5.95	0.85	YES	HROFDY
L0053671	0	0.52356E-02	443501.6	3749043.8	197.0	3.66	5.95	0.85	YES	HROFDY
L0053672	0	0.52356E-02	443514.2	3749041.6	197.2	3.66	5.95	0.85	YES	HROFDY
L0053673	0	0.52356E-02	443526.9	3749039.4	197.5	3.66	5.95	0.85	YES	HROFDY
L0053674	0	0.52356E-02	443539.5	3749037.2	197.8	3.66	5.95	0.85	YES	HROFDY
L0053675	0	0.52356E-02	443552.1	3749035.0	197.9	3.66	5.95	0.85	YES	HROFDY
L0053676	0	0.52356E-02	443564.7	3749032.8	198.0	3.66	5.95	0.85	YES	HROFDY

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 L0053677          0   0.52356E-02  443577.3 3749030.6   198.0     3.66
5.95     0.85     YES   HROFDY
 L0053678          0   0.52356E-02  443589.9 3749028.3   198.0     3.66
5.95     0.85     YES   HROFDY
 L0053679          0   0.52356E-02  443602.5 3749026.1   198.4     3.66
5.95     0.85     YES   HROFDY
 L0053680          0   0.52356E-02  443615.1 3749023.9   198.9     3.66
5.95     0.85     YES   HROFDY
 L0053681          0   0.52356E-02  443627.7 3749021.7   199.0     3.66
5.95     0.85     YES   HROFDY
 L0053682          0   0.52356E-02  443640.3 3749019.5   199.2     3.66
5.95     0.85     YES   HROFDY
 L0053683          0   0.52356E-02  443652.9 3749017.2   199.3     3.66
5.95     0.85     YES   HROFDY
 L0053684          0   0.52356E-02  443665.5 3749015.0   199.4     3.66
5.95     0.85     YES   HROFDY
 L0053685          0   0.52356E-02  443678.1 3749012.7   199.5     3.66
5.95     0.85     YES   HROFDY
 L0053686          0   0.52356E-02  443690.7 3749010.5   199.9     3.66
5.95     0.85     YES   HROFDY
 L0053687          0   0.52356E-02  443703.3 3749008.2   200.4     3.66
5.95     0.85     YES   HROFDY
 L0053688          0   0.52356E-02  443715.9 3749005.9   200.8     3.66
5.95     0.85     YES   HROFDY
 L0053689          0   0.52356E-02  443728.5 3749003.7   200.9     3.66
5.95     0.85     YES   HROFDY
 L0053690          0   0.52356E-02  443741.1 3749001.4   201.1     3.66
5.95     0.85     YES   HROFDY
 L0053691          0   0.52356E-02  443753.8 3748999.8   201.5     3.66
5.95     0.85     YES   HROFDY
 L0053692          0   0.52356E-02  443766.6 3748998.6   201.9     3.66
5.95     0.85     YES   HROFDY
 L0053693          0   0.52356E-02  443779.3 3748997.4   202.0     3.66
5.95     0.85     YES   HROFDY
 L0053694          0   0.52356E-02  443792.1 3748996.2   202.0     3.66
5.95     0.85     YES   HROFDY
 L0053695          0   0.52356E-02  443804.8 3748995.1   202.0     3.66
5.95     0.85     YES   HROFDY
 L0053696          0   0.52356E-02  443817.6 3748994.2   201.9     3.66
5.95     0.85     YES   HROFDY
 L0053697          0   0.52356E-02  443830.4 3748993.4   202.0     3.66
5.95     0.85     YES   HROFDY
 L0053698          0   0.52356E-02  443843.1 3748992.6   202.4     3.66
5.95     0.85     YES   HROFDY
 L0053699          0   0.52356E-02  443855.9 3748991.7   202.9     3.66
5.95     0.85     YES   HROFDY
 L0053700          0   0.52356E-02  443868.7 3748991.1   203.3     3.66
5.95     0.85     YES   HROFDY
 L0053701          0   0.52356E-02  443881.5 3748990.7   203.7     3.66
5.95     0.85     YES   HROFDY
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0053702	0	0.52356E-02	443894.3	3748990.3	204.0	3.66	5.95	0.85	YES	HROFDY
L0053703	0	0.52356E-02	443907.1	3748990.0	204.0	3.66	5.95	0.85	YES	HROFDY
L0053704	0	0.52356E-02	443919.9	3748989.6	204.0	3.66	5.95	0.85	YES	HROFDY
L0053705	0	0.52356E-02	443932.7	3748989.4	204.4	3.66	5.95	0.85	YES	HROFDY
L0053706	0	0.52356E-02	443945.5	3748989.5	204.9	3.66	5.95	0.85	YES	HROFDY
L0053707	0	0.52356E-02	443958.3	3748989.6	205.1	3.66	5.95	0.85	YES	HROFDY
L0053708	0	0.52356E-02	443971.1	3748989.7	205.2	3.66	5.95	0.85	YES	HROFDY
L0053709	0	0.52356E-02	443983.9	3748989.9	205.2	3.66	5.95	0.85	YES	HROFDY
L0053710	0	0.52356E-02	443996.7	3748990.0	205.2	3.66	5.95	0.85	YES	HROFDY
L0053711	0	0.52356E-02	444009.5	3748990.1	205.2	3.66	5.95	0.85	YES	HROFDY
L0053712	0	0.52356E-02	444022.2	3748991.1	205.6	3.66	5.95	0.85	YES	HROFDY
L0053713	0	0.52356E-02	444035.0	3748992.4	206.0	3.66	5.95	0.85	YES	HROFDY
L0053714	0	0.52356E-02	444047.7	3748993.6	206.3	3.66	5.95	0.85	YES	HROFDY
L0053715	0	0.52356E-02	444060.5	3748994.9	206.7	3.66	5.95	0.85	YES	HROFDY
L0053716	0	0.52356E-02	444073.2	3748996.1	207.0	3.66	5.95	0.85	YES	HROFDY

L0053717	0	0.52356E-02	444085.9	3748997.3	207.0	3.66	
5.95	0.85	YES	HROFDY				
L0053718	0	0.52356E-02	444098.7	3748998.6	206.9	3.66	
5.95	0.85	YES	HROFDY				
L0053719	0	0.52356E-02	444111.4	3748999.8	206.9	3.66	
5.95	0.85	YES	HROFDY				
L0053720	0	0.52356E-02	444124.1	3749001.3	206.8	3.66	
5.95	0.85	YES	HROFDY				
L0053721	0	0.52356E-02	444136.8	3749003.4	206.8	3.66	
5.95	0.85	YES	HROFDY				
L0053722	0	0.52356E-02	444149.4	3749005.5	206.9	3.66	
5.95	0.85	YES	HROFDY				
L0053723	0	0.52356E-02	444162.0	3749007.6	207.0	3.66	
5.95	0.85	YES	HROFDY				
L0053724	0	0.52356E-02	444174.6	3749009.7	207.0	3.66	
5.95	0.85	YES	HROFDY				
L0053725	0	0.52356E-02	444187.3	3749011.8	207.0	3.66	
5.95	0.85	YES	HROFDY				
L0053726	0	0.52356E-02	444199.9	3749013.9	207.1	3.66	
5.95	0.85	YES	HROFDY				
L0053727	0	0.52356E-02	444212.5	3749016.0	207.3	3.66	
5.95	0.85	YES	HROFDY				
L0053728	0	0.52356E-02	444225.2	3749018.1	207.3	3.66	
5.95	0.85	YES	HROFDY				
L0053729	0	0.52356E-02	444237.7	3749020.5	207.2	3.66	
5.95	0.85	YES	HROFDY				
L0053730	0	0.52356E-02	444250.3	3749023.1	207.1	3.66	
5.95	0.85	YES	HROFDY				
L0053731	0	0.52356E-02	444262.8	3749025.6	207.0	3.66	
5.95	0.85	YES	HROFDY				
L0053732	0	0.52356E-02	444275.4	3749028.2	206.9	3.66	
5.95	0.85	YES	HROFDY				
L0053733	0	0.52356E-02	444287.9	3749030.7	206.9	3.66	
5.95	0.85	YES	HROFDY				
L0053734	0	0.52356E-02	444300.5	3749033.3	206.8	3.66	
5.95	0.85	YES	HROFDY				
L0053735	0	0.52356E-02	444313.0	3749035.8	206.7	3.66	
5.95	0.85	YES	HROFDY				
L0053736	0	0.52356E-02	444325.6	3749038.4	206.6	3.66	
5.95	0.85	YES	HROFDY				
L0053737	0	0.52356E-02	444338.2	3749040.5	206.5	3.66	
5.95	0.85	YES	HROFDY				
L0053738	0	0.52356E-02	444350.8	3749042.7	206.7	3.66	
5.95	0.85	YES	HROFDY				
L0053739	0	0.52356E-02	444363.4	3749044.9	206.9	3.66	
5.95	0.85	YES	HROFDY				
L0053740	0	0.52356E-02	444376.0	3749047.1	207.2	3.66	
5.95	0.85	YES	HROFDY				
L0053741	0	0.52356E-02	444388.6	3749049.3	207.6	3.66	
5.95	0.85	YES	HROFDY				

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0053742	0	0.52356E-02	444401.2	3749051.4	208.0	3.66	5.95	0.85	YES	HROFDY
L0053743	0	0.52356E-02	444413.9	3749053.6	208.0	3.66	5.95	0.85	YES	HROFDY
L0053744	0	0.52356E-02	444426.5	3749055.8	208.0	3.66	5.95	0.85	YES	HROFDY
L0053745	0	0.52356E-02	444439.1	3749058.0	208.0	3.66	5.95	0.85	YES	HROFDY
L0053746	0	0.52356E-02	444451.7	3749060.2	208.0	3.66	5.95	0.85	YES	HROFDY
L0053747	0	0.10204E-01	442070.5	3749364.3	176.5	0.91	5.95	0.21	YES	HROFDY
L0053748	0	0.10204E-01	442082.3	3749359.5	176.2	0.91	5.95	0.21	YES	HROFDY
L0053749	0	0.10204E-01	442094.2	3749354.8	176.1	0.91	5.95	0.21	YES	HROFDY
L0053750	0	0.10204E-01	442106.1	3749350.0	176.1	0.91	5.95	0.21	YES	HROFDY
L0053751	0	0.10204E-01	442118.0	3749345.2	176.0	0.91	5.95	0.21	YES	HROFDY
L0053752	0	0.10204E-01	442129.9	3749340.5	178.0	0.91	5.95	0.21	YES	HROFDY
L0053753	0	0.10204E-01	442141.7	3749335.7	178.0	0.91	5.95	0.21	YES	HROFDY
L0053754	0	0.10204E-01	442153.6	3749330.9	178.1	0.91	5.95	0.21	YES	HROFDY
L0053755	0	0.10204E-01	442165.5	3749326.1	178.5	0.91	5.95	0.21	YES	HROFDY
L0053756	0	0.10204E-01	442177.4	3749321.4	178.8	0.91	5.95	0.21	YES	HROFDY

L0053757		0	0.10204E-01	442189.3	3749316.6	178.6	0.91	
5.95	0.21	YES	HROFDY					
L0053758		0	0.10204E-01	442201.1	3749311.8	178.5	0.91	
5.95	0.21	YES	HROFDY					
L0053759		0	0.10204E-01	442213.0	3749307.1	178.6	0.91	
5.95	0.21	YES	HROFDY					
L0053760		0	0.10204E-01	442224.9	3749302.3	178.7	0.91	
5.95	0.21	YES	HROFDY					
L0053761		0	0.10204E-01	442236.8	3749297.5	178.9	0.91	
5.95	0.21	YES	HROFDY					
L0053762		0	0.10204E-01	442248.7	3749292.7	179.2	0.91	
5.95	0.21	YES	HROFDY					
L0053763		0	0.10204E-01	442260.6	3749288.1	179.5	0.91	
5.95	0.21	YES	HROFDY					
L0053764		0	0.10204E-01	442272.6	3749283.6	179.7	0.91	
5.95	0.21	YES	HROFDY					
L0053765		0	0.10204E-01	442284.6	3749279.2	179.6	0.91	
5.95	0.21	YES	HROFDY					
L0053766		0	0.10204E-01	442296.6	3749274.8	179.5	0.91	
5.95	0.21	YES	HROFDY					
L0053767		0	0.10204E-01	442308.6	3749270.3	179.1	0.91	
5.95	0.21	YES	HROFDY					
L0053768		0	0.10204E-01	442320.6	3749265.9	178.6	0.91	
5.95	0.21	YES	HROFDY					
L0053769		0	0.10204E-01	442332.6	3749261.5	178.3	0.91	
5.95	0.21	YES	HROFDY					
L0053770		0	0.10204E-01	442344.7	3749257.1	178.0	0.91	
5.95	0.21	YES	HROFDY					
L0053771		0	0.10204E-01	442356.7	3749252.6	177.9	0.91	
5.95	0.21	YES	HROFDY					
L0053772		0	0.10204E-01	442368.7	3749248.2	178.3	0.91	
5.95	0.21	YES	HROFDY					
L0053773		0	0.10204E-01	442380.7	3749243.8	178.6	0.91	
5.95	0.21	YES	HROFDY					
L0053774		0	0.10204E-01	442392.7	3749239.3	178.7	0.91	
5.95	0.21	YES	HROFDY					
L0053775		0	0.10204E-01	442404.8	3749235.1	178.5	0.91	
5.95	0.21	YES	HROFDY					
L0053776		0	0.10204E-01	442416.9	3749231.1	178.1	0.91	
5.95	0.21	YES	HROFDY					
L0053777		0	0.10204E-01	442429.1	3749227.2	178.5	0.91	
5.95	0.21	YES	HROFDY					
L0053778		0	0.10204E-01	442441.3	3749223.3	179.4	0.91	
5.95	0.21	YES	HROFDY					
L0053779		0	0.10204E-01	442453.5	3749219.4	180.2	0.91	
5.95	0.21	YES	HROFDY					
L0053780		0	0.10204E-01	442465.7	3749215.5	180.6	0.91	
5.95	0.21	YES	HROFDY					
L0053781		0	0.10204E-01	442477.9	3749211.5	180.8	0.91	
5.95	0.21	YES	HROFDY					

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC) SCALAR	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE VARY BY
L0053782	0	0.10204E-01	442490.1	3749207.6	180.9	0.91	5.95	0.21	YES HROFDY
L0053783	0	0.10204E-01	442502.2	3749203.7	181.1	0.91	5.95	0.21	YES HROFDY
L0053784	0	0.10204E-01	442514.4	3749199.8	181.4	0.91	5.95	0.21	YES HROFDY
L0053785	0	0.10204E-01	442527.0	3749197.3	181.9	0.91	5.95	0.21	YES HROFDY
L0053786	0	0.10204E-01	442539.6	3749195.1	182.4	0.91	5.95	0.21	YES HROFDY
L0053787	0	0.10204E-01	442552.2	3749192.9	182.4	0.91	5.95	0.21	YES HROFDY
L0053788	0	0.10204E-01	442564.8	3749190.7	182.5	0.91	5.95	0.21	YES HROFDY
L0053789	0	0.10204E-01	442577.4	3749188.5	182.7	0.91	5.95	0.21	YES HROFDY
L0053790	0	0.10204E-01	442590.0	3749186.4	182.9	0.91	5.95	0.21	YES HROFDY
L0053791	0	0.10204E-01	442602.7	3749184.2	183.0	0.91	5.95	0.21	YES HROFDY
L0053792	0	0.10204E-01	442615.3	3749182.0	183.0	0.91	5.95	0.21	YES HROFDY
L0053793	0	0.10204E-01	442627.9	3749179.9	183.0	0.91	5.95	0.21	YES HROFDY
L0053794	0	0.10204E-01	442640.6	3749178.1	183.0	0.91	5.95	0.21	YES HROFDY
L0053795	0	0.10204E-01	442653.3	3749176.3	183.0	0.91	5.95	0.21	YES HROFDY
L0053796	0	0.10204E-01	442665.9	3749174.5	183.1	0.91	5.95	0.21	YES HROFDY

L0053797	0	0.10204E-01	442678.6	3749172.7	183.1	0.91	
5.95	0.21	YES	HROFDY				
L0053798	0	0.10204E-01	442691.3	3749170.9	183.1	0.91	
5.95	0.21	YES	HROFDY				
L0053799	0	0.10204E-01	442703.9	3749169.1	182.9	0.91	
5.95	0.21	YES	HROFDY				
L0053800	0	0.10204E-01	442716.6	3749167.3	182.7	0.91	
5.95	0.21	YES	HROFDY				
L0053801	0	0.10204E-01	442729.3	3749165.5	182.5	0.91	
5.95	0.21	YES	HROFDY				
L0053802	0	0.10204E-01	442742.0	3749163.6	182.2	0.91	
5.95	0.21	YES	HROFDY				
L0053803	0	0.10204E-01	442754.6	3749161.8	181.7	0.91	
5.95	0.21	YES	HROFDY				
L0053804	0	0.10204E-01	442767.3	3749160.0	181.1	0.91	
5.95	0.21	YES	HROFDY				
L0053805	0	0.10204E-01	442780.0	3749158.2	180.6	0.91	
5.95	0.21	YES	HROFDY				
L0053806	0	0.10204E-01	442792.7	3749156.4	180.4	0.91	
5.95	0.21	YES	HROFDY				
L0053807	0	0.10204E-01	442805.3	3749154.6	180.1	0.91	
5.95	0.21	YES	HROFDY				
L0053808	0	0.10204E-01	442818.0	3749152.8	179.9	0.91	
5.95	0.21	YES	HROFDY				
L0053809	0	0.10204E-01	442830.7	3749151.0	179.9	0.91	
5.95	0.21	YES	HROFDY				
L0053810	0	0.10204E-01	442843.3	3749148.7	180.3	0.91	
5.95	0.21	YES	HROFDY				
L0053811	0	0.10204E-01	442855.7	3749145.9	181.6	0.91	
5.95	0.21	YES	HROFDY				
L0053812	0	0.10204E-01	442868.2	3749143.0	182.7	0.91	
5.95	0.21	YES	HROFDY				
L0053813	0	0.10204E-01	442880.7	3749140.1	182.8	0.91	
5.95	0.21	YES	HROFDY				
L0053814	0	0.10204E-01	442893.2	3749137.2	182.9	0.91	
5.95	0.21	YES	HROFDY				
L0053815	0	0.10204E-01	442905.6	3749134.4	183.0	0.91	
5.95	0.21	YES	HROFDY				
L0053816	0	0.10204E-01	442918.1	3749131.5	183.0	0.91	
5.95	0.21	YES	HROFDY				
L0053817	0	0.10204E-01	442930.6	3749128.6	183.0	0.91	
5.95	0.21	YES	HROFDY				
L0053818	0	0.10204E-01	442943.1	3749125.7	183.0	0.91	
5.95	0.21	YES	HROFDY				
L0053819	0	0.10204E-01	442955.5	3749122.9	183.0	0.91	
5.95	0.21	YES	HROFDY				
L0053820	0	0.10204E-01	442968.0	3749120.0	183.0	0.91	
5.95	0.21	YES	HROFDY				
L0053821	0	0.10204E-01	442980.5	3749117.1	183.0	0.91	
5.95	0.21	YES	HROFDY				

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0053822	0	0.10204E-01	442993.0	3749114.2	183.1	0.91	5.95	0.21	YES	HROFDY
L0053823	0	0.10204E-01	443005.4	3749111.3	183.5	0.91	5.95	0.21	YES	HROFDY
L0053824	0	0.10204E-01	443017.9	3749108.5	183.7	0.91	5.95	0.21	YES	HROFDY
L0053825	0	0.10204E-01	443030.4	3749105.6	184.4	0.91	5.95	0.21	YES	HROFDY
L0053826	0	0.10204E-01	443042.9	3749102.7	185.1	0.91	5.95	0.21	YES	HROFDY
L0053827	0	0.10204E-01	443055.3	3749099.8	185.8	0.91	5.95	0.21	YES	HROFDY
L0053828	0	0.10204E-01	443067.8	3749097.0	186.4	0.91	5.95	0.21	YES	HROFDY
L0053829	0	0.10204E-01	443080.3	3749094.1	187.0	0.91	5.95	0.21	YES	HROFDY
L0053830	0	0.10204E-01	443092.8	3749091.2	187.4	0.91	5.95	0.21	YES	HROFDY
L0053831	0	0.10204E-01	443105.2	3749088.3	187.8	0.91	5.95	0.21	YES	HROFDY
L0053832	0	0.10204E-01	443117.7	3749085.5	188.3	0.91	5.95	0.21	YES	HROFDY
L0053833	0	0.10204E-01	443129.9	3749081.6	188.7	0.91	5.95	0.21	YES	HROFDY
L0053834	0	0.10204E-01	443142.1	3749077.6	189.0	0.91	5.95	0.21	YES	HROFDY
L0053835	0	0.10204E-01	443154.3	3749073.7	189.2	0.91	5.95	0.21	YES	HROFDY
L0053836	0	0.10204E-01	443166.4	3749069.7	189.5	0.91	5.95	0.21	YES	HROFDY

L0053837		0	0.10204E-01	443178.6	3749065.8	190.0	0.91	
5.95	0.21	YES	HROFDY					
L0053838		0	0.10204E-01	443190.8	3749061.9	190.5	0.91	
5.95	0.21	YES	HROFDY					
L0053839		0	0.10204E-01	443203.0	3749057.9	191.0	0.91	
5.95	0.21	YES	HROFDY					
L0053840		0	0.10204E-01	443215.2	3749054.0	191.0	0.91	
5.95	0.21	YES	HROFDY					
L0053841		0	0.10204E-01	443227.3	3749050.1	191.2	0.91	
5.95	0.21	YES	HROFDY					
L0053842		0	0.10204E-01	443239.5	3749046.1	191.6	0.91	
5.95	0.21	YES	HROFDY					
L0053843		0	0.10204E-01	443251.7	3749042.2	191.9	0.91	
5.95	0.21	YES	HROFDY					
L0053844		0	0.10204E-01	443263.9	3749038.3	192.1	0.91	
5.95	0.21	YES	HROFDY					
L0053845		0	0.10309E-01	443288.0	3749178.1	189.9	0.91	
5.95	0.21	YES	HROFDY					
L0053846		0	0.10309E-01	443275.2	3749178.1	189.5	0.91	
5.95	0.21	YES	HROFDY					
L0053847		0	0.10309E-01	443262.4	3749178.1	189.1	0.91	
5.95	0.21	YES	HROFDY					
L0053848		0	0.10309E-01	443249.6	3749178.1	189.0	0.91	
5.95	0.21	YES	HROFDY					
L0053849		0	0.10309E-01	443236.8	3749178.1	189.0	0.91	
5.95	0.21	YES	HROFDY					
L0053850		0	0.10309E-01	443224.0	3749178.1	188.8	0.91	
5.95	0.21	YES	HROFDY					
L0053851		0	0.10309E-01	443211.2	3749178.1	188.3	0.91	
5.95	0.21	YES	HROFDY					
L0053852		0	0.10309E-01	443198.4	3749178.1	187.9	0.91	
5.95	0.21	YES	HROFDY					
L0053853		0	0.10309E-01	443185.6	3749178.5	187.9	0.91	
5.95	0.21	YES	HROFDY					
L0053854		0	0.10309E-01	443173.0	3749180.3	187.9	0.91	
5.95	0.21	YES	HROFDY					
L0053855		0	0.10309E-01	443160.3	3749182.0	187.5	0.91	
5.95	0.21	YES	HROFDY					
L0053856		0	0.10309E-01	443147.6	3749183.8	187.0	0.91	
5.95	0.21	YES	HROFDY					
L0053857		0	0.10309E-01	443134.9	3749185.5	186.6	0.91	
5.95	0.21	YES	HROFDY					
L0053858		0	0.10309E-01	443122.2	3749187.2	186.3	0.91	
5.95	0.21	YES	HROFDY					
L0053859		0	0.10309E-01	443109.5	3749189.0	186.0	0.91	
5.95	0.21	YES	HROFDY					
L0053860		0	0.10309E-01	443096.9	3749190.7	185.8	0.91	
5.95	0.21	YES	HROFDY					
L0053861		0	0.10309E-01	443084.2	3749192.4	185.6	0.91	
5.95	0.21	YES	HROFDY					

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0053862	0	0.10309E-01	443071.5	3749194.2	185.3	0.91	5.95	0.21	YES	HROFDY
L0053863	0	0.10309E-01	443058.8	3749195.9	185.1	0.91	5.95	0.21	YES	HROFDY
L0053864	0	0.10309E-01	443046.1	3749197.7	185.0	0.91	5.95	0.21	YES	HROFDY
L0053865	0	0.10309E-01	443033.5	3749199.4	185.0	0.91	5.95	0.21	YES	HROFDY
L0053866	0	0.10309E-01	443020.7	3749200.4	185.0	0.91	5.95	0.21	YES	HROFDY
L0053867	0	0.10309E-01	443007.9	3749201.2	184.6	0.91	5.95	0.21	YES	HROFDY
L0053868	0	0.10309E-01	442995.1	3749202.0	184.2	0.91	5.95	0.21	YES	HROFDY
L0053869	0	0.10309E-01	442982.4	3749202.7	184.0	0.91	5.95	0.21	YES	HROFDY
L0053870	0	0.10309E-01	442969.6	3749203.5	184.0	0.91	5.95	0.21	YES	HROFDY
L0053871	0	0.10309E-01	442956.8	3749204.2	183.9	0.91	5.95	0.21	YES	HROFDY
L0053872	0	0.10309E-01	442944.0	3749205.0	183.5	0.91	5.95	0.21	YES	HROFDY
L0053873	0	0.10309E-01	442931.2	3749205.5	183.1	0.91	5.95	0.21	YES	HROFDY
L0053874	0	0.10309E-01	442918.4	3749205.5	181.6	0.91	5.95	0.21	YES	HROFDY
L0053875	0	0.10309E-01	442905.6	3749205.5	179.9	0.91	5.95	0.21	YES	HROFDY
L0053876	0	0.10309E-01	442892.8	3749205.5	178.7	0.91	5.95	0.21	YES	HROFDY

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 L0053877          0   0.10309E-01  442880.0 3749205.5   177.8     0.91
5.95     0.21     YES   HROFDY
 L0053878          0   0.10309E-01  442867.2 3749205.5   177.2     0.91
5.95     0.21     YES   HROFDY
 L0053879          0   0.10309E-01  442854.5 3749205.9   177.5     0.91
5.95     0.21     YES   HROFDY
 L0053880          0   0.10309E-01  442841.8 3749207.9   177.9     0.91
5.95     0.21     YES   HROFDY
 L0053881          0   0.10309E-01  442829.2 3749209.9   178.2     0.91
5.95     0.21     YES   HROFDY
 L0053882          0   0.10309E-01  442816.5 3749212.0   178.4     0.91
5.95     0.21     YES   HROFDY
 L0053883          0   0.10309E-01  442803.9 3749214.0   178.5     0.91
5.95     0.21     YES   HROFDY
 L0053884          0   0.10309E-01  442791.3 3749216.0   178.5     0.91
5.95     0.21     YES   HROFDY
 L0053885          0   0.10309E-01  442778.6 3749218.1   178.6     0.91
5.95     0.21     YES   HROFDY
 L0053886          0   0.10309E-01  442766.0 3749220.1   178.8     0.91
5.95     0.21     YES   HROFDY
 L0053887          0   0.10309E-01  442753.3 3749222.2   178.9     0.91
5.95     0.21     YES   HROFDY
 L0053888          0   0.10309E-01  442740.7 3749224.2   179.0     0.91
5.95     0.21     YES   HROFDY
 L0053889          0   0.10309E-01  442728.1 3749226.2   179.1     0.91
5.95     0.21     YES   HROFDY
 L0053890          0   0.10309E-01  442715.4 3749228.3   179.6     0.91
5.95     0.21     YES   HROFDY
 L0053891          0   0.10309E-01  442702.8 3749230.3   180.4     0.91
5.95     0.21     YES   HROFDY
 L0053892          0   0.10309E-01  442690.2 3749232.3   181.2     0.91
5.95     0.21     YES   HROFDY
 L0053893          0   0.10309E-01  442677.5 3749234.4   181.9     0.91
5.95     0.21     YES   HROFDY
 L0053894          0   0.10309E-01  442664.9 3749236.4   182.6     0.91
5.95     0.21     YES   HROFDY
 L0053895          0   0.10309E-01  442652.2 3749238.4   182.6     0.91
5.95     0.21     YES   HROFDY
 L0053896          0   0.10309E-01  442639.6 3749240.5   182.4     0.91
5.95     0.21     YES   HROFDY
 L0053897          0   0.10309E-01  442627.0 3749242.5   182.2     0.91
5.95     0.21     YES   HROFDY
 L0053898          0   0.10309E-01  442614.4 3749244.9   182.0     0.91
5.95     0.21     YES   HROFDY
 L0053899          0   0.10309E-01  442601.8 3749247.5   181.8     0.91
5.95     0.21     YES   HROFDY
 L0053900          0   0.10309E-01  442589.3 3749250.1   181.0     0.91
5.95     0.21     YES   HROFDY
 L0053901          0   0.10309E-01  442576.8 3749252.7   179.8     0.91
5.95     0.21     YES   HROFDY
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0053902	0	0.10309E-01	442564.2	3749255.3	178.7	0.91	5.95	0.21	YES	HROFDY
L0053903	0	0.10309E-01	442551.7	3749257.9	178.1	0.91	5.95	0.21	YES	HROFDY
L0053904	0	0.10309E-01	442539.2	3749260.5	177.6	0.91	5.95	0.21	YES	HROFDY
L0053905	0	0.10309E-01	442526.6	3749263.1	178.0	0.91	5.95	0.21	YES	HROFDY
L0053906	0	0.10309E-01	442514.1	3749265.7	178.7	0.91	5.95	0.21	YES	HROFDY
L0053907	0	0.10309E-01	442501.6	3749268.3	179.0	0.91	5.95	0.21	YES	HROFDY
L0053908	0	0.10309E-01	442489.4	3749272.3	178.9	0.91	5.95	0.21	YES	HROFDY
L0053909	0	0.10309E-01	442477.2	3749276.2	178.9	0.91	5.95	0.21	YES	HROFDY
L0053910	0	0.10309E-01	442465.0	3749280.2	178.5	0.91	5.95	0.21	YES	HROFDY
L0053911	0	0.10309E-01	442452.9	3749284.1	178.1	0.91	5.95	0.21	YES	HROFDY
L0053912	0	0.10309E-01	442440.7	3749288.1	177.7	0.91	5.95	0.21	YES	HROFDY
L0053913	0	0.10309E-01	442428.5	3749292.0	177.3	0.91	5.95	0.21	YES	HROFDY
L0053914	0	0.10309E-01	442416.3	3749296.0	176.8	0.91	5.95	0.21	YES	HROFDY
L0053915	0	0.10309E-01	442404.3	3749300.2	175.9	0.91	5.95	0.21	YES	HROFDY
L0053916	0	0.10309E-01	442392.3	3749304.8	174.9	0.91	5.95	0.21	YES	HROFDY

L0053917		0	0.10309E-01	442380.3	3749309.3	174.6	0.91	
5.95	0.21	YES	HROFDY					
L0053918		0	0.10309E-01	442368.4	3749313.9	174.4	0.91	
5.95	0.21	YES	HROFDY					
L0053919		0	0.10309E-01	442356.4	3749318.5	174.4	0.91	
5.95	0.21	YES	HROFDY					
L0053920		0	0.10309E-01	442344.5	3749323.1	174.6	0.91	
5.95	0.21	YES	HROFDY					
L0053921		0	0.10309E-01	442332.5	3749327.6	174.8	0.91	
5.95	0.21	YES	HROFDY					
L0053922		0	0.10309E-01	442320.6	3749332.2	175.4	0.91	
5.95	0.21	YES	HROFDY					
L0053923		0	0.10309E-01	442308.6	3749336.8	176.3	0.91	
5.95	0.21	YES	HROFDY					
L0053924		0	0.10309E-01	442296.6	3749341.3	177.1	0.91	
5.95	0.21	YES	HROFDY					
L0053925		0	0.10309E-01	442284.7	3749345.9	177.5	0.91	
5.95	0.21	YES	HROFDY					
L0053926		0	0.10309E-01	442272.7	3749350.5	177.9	0.91	
5.95	0.21	YES	HROFDY					
L0053927		0	0.10309E-01	442260.8	3749355.1	177.4	0.91	
5.95	0.21	YES	HROFDY					
L0053928		0	0.10309E-01	442249.0	3749360.0	176.5	0.91	
5.95	0.21	YES	HROFDY					
L0053929		0	0.10309E-01	442237.2	3749365.0	175.7	0.91	
5.95	0.21	YES	HROFDY					
L0053930		0	0.10309E-01	442225.4	3749369.9	175.6	0.91	
5.95	0.21	YES	HROFDY					
L0053931		0	0.10309E-01	442213.5	3749374.8	175.2	0.91	
5.95	0.21	YES	HROFDY					
L0053932		0	0.10309E-01	442201.7	3749379.8	174.8	0.91	
5.95	0.21	YES	HROFDY					
L0053933		0	0.10309E-01	442189.9	3749384.7	174.7	0.91	
5.95	0.21	YES	HROFDY					
L0053934		0	0.10309E-01	442178.1	3749389.7	174.8	0.91	
5.95	0.21	YES	HROFDY					
L0053935		0	0.10309E-01	442166.3	3749394.6	175.0	0.91	
5.95	0.21	YES	HROFDY					
L0053936		0	0.10309E-01	442154.5	3749399.5	175.3	0.91	
5.95	0.21	YES	HROFDY					
L0053937		0	0.10309E-01	442142.7	3749404.5	175.4	0.91	
5.95	0.21	YES	HROFDY					
L0053938		0	0.10309E-01	442130.9	3749409.4	175.2	0.91	
5.95	0.21	YES	HROFDY					
L0053939		0	0.10309E-01	442119.0	3749414.3	176.1	0.91	
5.95	0.21	YES	HROFDY					
L0053940		0	0.10309E-01	442107.2	3749419.3	175.4	0.91	
5.95	0.21	YES	HROFDY					
L0053941		0	0.10309E-01	442095.4	3749424.2	174.9	0.91	
5.95	0.21	YES	HROFDY					

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
SR91E14	L0052932 , L0052933 , L0052934 , L0052935 , L0052936 , L0052937 , L0052938 , L0052939 ,
	L0052940 , L0052941 , L0052942 , L0052943 , L0052944 , L0052945 , L0052946 , L0052947 ,
	L0052948 , L0052949 , L0052950 , L0052951 , L0052952 , L0052953 , L0052954 , L0052955 ,
	L0052956 , L0052957 , L0052958 , L0052959 , L0052960 , L0052961 , L0052962 , L0052963 ,
	L0052964 , L0052965 , L0052966 , L0052967 , L0052968 , L0052969 , L0052970 , L0052971 ,
	L0052972 , L0052973 , L0052974 , L0052975 , L0052976 , L0052977 , L0052978 , L0052979 ,
	L0052980 , L0052981 , L0052982 , L0052983 , L0052984 , L0052985 , L0052986 , L0052987 ,
	L0052988 , L0052989 , L0052990 , L0052991 , L0052992 , L0052993 , L0052994 , L0052995 ,
	L0052996 , L0052997 , L0052998 , L0052999 , L0053000 , L0053001 , L0053002 , L0053003 ,
	L0053004 , L0053005 , L0053006 , L0053007 , L0053008 , L0053009 , L0053010 , L0053011 ,
	L0053012 , L0053013 , L0053014 , L0053015 , L0053016 , L0053017 , L0053018 , L0053019 ,
	L0053020 , L0053021 , L0053022 , L0053023 , L0053024 , L0053025 , L0053026 , L0053027 ,

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING
SOURCE GROUPS ***

 SRCGROUP ID                                              SOURCE IDs
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L0052930    , L0052931    ,

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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	L0053061 , L0053062 , L0053063 , L0053064 , L0053065 , L0053066 , L0053067 , L0053068 ,
	L0053069 , L0053070 , L0053071 , L0053072 , L0053073 , L0053074 , L0053075 , L0053076 ,
	L0053077 , L0053078 , L0053079 , L0053080 , L0053081 , L0053082 , L0053083 , L0053084 ,
	L0053085 , L0053086 , L0053087 , L0053088 , L0053089 , L0053090 , L0053091 , L0053092 ,
	L0053093 , L0053094 , L0053095 , L0053096 , L0053097 , L0053098 , L0053099 , L0053100 ,
	L0053101 , L0053102 , L0053103 , L0053104 , L0053105 , L0053106 , L0053107 , L0053108 ,
	L0053109 , L0053110 , L0053111 , L0053112 , L0053113 , L0053114 , L0053115 , L0053116 ,
	L0053117 , L0053118 , L0053119 , L0053120 , L0053121 , L0053122 , L0053123 , L0053124 ,
	L0053125 , L0053126 , L0053127 , L0053128 , L0053129 , L0053130 , L0053131 , L0053132 ,
	L0053133 , L0053134 , L0053135 , L0053136 , L0053137 , L0053138 , L0053139 , L0053140 ,
	L0053141 , L0053142 , L0053143 , L0053144 , L0053145 , L0053146 , L0053147 , L0053148 ,
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 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING
SOURCE GROUPS ***

 SRCGROUP ID                                              SOURCE IDs
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L0053241    , L0053242    ,

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L0053775    , L0053776    , L0053777    , L0053778    ,

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 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING
SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
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L0053423    , L0053424    , L0053425    , L0053426    ,
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

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	L0053861 , L0053862 , L0053863 , L0053864 , L0053865 , L0053866 , L0053867 , L0053868 ,
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 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINED AS
URBAN SOURCES ***

  URBAN ID   URBAN POP                                    SOURCE IDs
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 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
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 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** SOURCE IDs DEFINED AS URBAN SOURCES ***

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		L0052918 , L0052919 , L0052920 , L0052921 , L0052922 , L0052923 , L0052924 , L0052925 ,
		L0052926 , L0052927 , L0052928 , L0052929 , L0052930 , L0052931 , L0052932 , L0052933 ,
		L0052934 , L0052935 , L0052936 , L0052937 , L0052938 , L0052939 , L0052940 , L0052941 ,
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

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 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINED AS
URBAN SOURCES ***

  URBAN ID   URBAN POP                                    SOURCE IDs
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINED AS
URBAN SOURCES ***

  URBAN ID   URBAN POP                                    SOURCE IDs
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 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
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 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINED AS
URBAN SOURCES ***

  URBAN ID   URBAN POP                                    SOURCE IDs
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                *** SOURCE IDs DEFINED AS
URBAN SOURCES ***

  URBAN ID   URBAN POP                                        SOURCE IDs
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L0053810    , L0053811    , L0053812    , L0053813    ,

             L0053814    , L0053815    , L0053816    , L0053817    ,
L0053818    , L0053819    , L0053820    , L0053821    ,

             L0053822    , L0053823    , L0053824    , L0053825    ,
L0053826    , L0053827    , L0053828    , L0053829    ,

             L0053830    , L0053831    , L0053832    , L0053833    ,
L0053834    , L0053835    , L0053836    , L0053837    ,

             L0053838    , L0053839    , L0053840    , L0053841    ,
L0053842    , L0053843    , L0053844    , L0053845    ,

             L0053846    , L0053847    , L0053848    , L0053849    ,
L0053850    , L0053851    , L0053852    , L0053853    ,

             L0053854    , L0053855    , L0053856    , L0053857    ,
L0053858    , L0053859    , L0053860    , L0053861    ,

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE  47
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINED AS
URBAN SOURCES ***

  URBAN ID   URBAN POP                                    SOURCE IDs
  --------   ---------                                    ----------


             L0053862    , L0053863    , L0053864    , L0053865    ,
L0053866    , L0053867    , L0053868    , L0053869    ,
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             L0053870    , L0053871    , L0053872    , L0053873    ,
L0053874    , L0053875    , L0053876    , L0053877    ,

             L0053878    , L0053879    , L0053880    , L0053881    ,
L0053882    , L0053883    , L0053884    , L0053885    ,

             L0053886    , L0053887    , L0053888    , L0053889    ,
L0053890    , L0053891    , L0053892    , L0053893    ,

             L0053894    , L0053895    , L0053896    , L0053897    ,
L0053898    , L0053899    , L0053900    , L0053901    ,

             L0053902    , L0053903    , L0053904    , L0053905    ,
L0053906    , L0053907    , L0053908    , L0053909    ,

             L0053910    , L0053911    , L0053912    , L0053913    ,
L0053914    , L0053915    , L0053916    , L0053917    ,

             L0053918    , L0053919    , L0053920    , L0053921    ,
L0053922    , L0053923    , L0053924    , L0053925    ,

             L0053926    , L0053927    , L0053928    , L0053929    ,
L0053930    , L0053931    , L0053932    , L0053933    ,

             L0053934    , L0053935    , L0053936    , L0053937    ,
L0053938    , L0053939    , L0053940    , L0053941    ,

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE  48
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                           * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0052742     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
```

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      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052743     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052744     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052745     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052746     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.64000E+00	2	.68000E+00	3	.67000E+00	4	.69000E+00	5	.78000E+00	6	.67000E+00
7	.59000E+00	8	.72000E+00	9	.10000E+01	10	.92000E+00	11	.94000E+00	12	.82000E+00
13	.71000E+00	14	.62000E+00	15	.53000E+00	16	.47000E+00	17	.43000E+00	18	.46000E+00
19	.52000E+00	20	.57000E+00	21	.72000E+00	22	.57000E+00	23	.48000E+00	24	.53000E+00

SOURCE ID = L0052747 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.64000E+00	2	.68000E+00	3	.67000E+00	4	.69000E+00	5	.78000E+00	6	.67000E+00
7	.59000E+00	8	.72000E+00	9	.10000E+01	10	.92000E+00	11	.94000E+00	12	.82000E+00
13	.71000E+00	14	.62000E+00	15	.53000E+00	16	.47000E+00	17	.43000E+00	18	.46000E+00
19	.52000E+00	20	.57000E+00	21	.72000E+00	22	.57000E+00	23	.48000E+00	24	.53000E+00

SOURCE ID = L0052748 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.64000E+00	2	.68000E+00	3	.67000E+00	4	.69000E+00	5	.78000E+00	6	.67000E+00
7	.59000E+00	8	.72000E+00	9	.10000E+01	10	.92000E+00	11	.94000E+00	12	.82000E+00
13	.71000E+00	14	.62000E+00	15	.53000E+00	16	.47000E+00	17	.43000E+00	18	.46000E+00
19	.52000E+00	20	.57000E+00	21	.72000E+00	22	.57000E+00	23	.48000E+00	24	.53000E+00

SOURCE ID = L0052749 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.64000E+00	2	.68000E+00	3	.67000E+00	4	.69000E+00	5	.78000E+00	6	.67000E+00
7	.59000E+00	8	.72000E+00	9	.10000E+01	10	.92000E+00	11	.94000E+00	12	.82000E+00
13	.71000E+00	14	.62000E+00	15	.53000E+00	16	.47000E+00	17	.43000E+00	18	.46000E+00
19	.52000E+00	20	.57000E+00	21	.72000E+00	22	.57000E+00	23	.48000E+00	24	.53000E+00

SOURCE ID = L0052750 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.64000E+00	2	.68000E+00	3	.67000E+00	4	.69000E+00	5	.78000E+00	6	.67000E+00
7	.59000E+00	8	.72000E+00	9	.10000E+01	10	.92000E+00	11	.94000E+00	12	.82000E+00

```
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052751     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE  50
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0052752     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052753     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
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      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052754     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052755     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052756     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE  51
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 SOURCE ID = L0052757     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052758     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052759     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052760     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052761     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
```

```
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE  52
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0052762     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052763     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052764     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
```

```
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052765     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052766     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE  53
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                          * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0052767     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00
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```
 SOURCE ID = L0052768     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052769     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052770     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052771     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE  54
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```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0052772     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052773     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052774     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052775     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
```

```
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052776     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE  55
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0052777     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052778     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00
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```
 SOURCE ID = L0052779     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052780     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052781     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE  56
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 SOURCE ID = L0052782     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052783     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052784     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052785     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052786     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
```

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      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE  57
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0052787     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052788     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052789     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00
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 SOURCE ID = L0052790     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052791     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE  58
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0052792     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00
```

```
 SOURCE ID = L0052793     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052794     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052795     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052796     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE  59
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

```
                          * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0052797     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052798     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052799     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052800     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00
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```
 SOURCE ID = L0052801     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE  60
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0052802     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052803     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052804     ; SOURCE TYPE = VOLUME   :
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```
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052805     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052806     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE  61
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0052807     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
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       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052808     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052809     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052810     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052811     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.64000E+00	2	.68000E+00	3	.67000E+00	4	.69000E+00	5	.78000E+00	6	.67000E+00
7	.59000E+00	8	.72000E+00	9	.10000E+01	10	.92000E+00	11	.94000E+00	12	.82000E+00
13	.71000E+00	14	.62000E+00	15	.53000E+00	16	.47000E+00	17	.43000E+00	18	.46000E+00
19	.52000E+00	20	.57000E+00	21	.72000E+00	22	.57000E+00	23	.48000E+00	24	.53000E+00

SOURCE ID = L0052812 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.64000E+00	2	.68000E+00	3	.67000E+00	4	.69000E+00	5	.78000E+00	6	.67000E+00
7	.59000E+00	8	.72000E+00	9	.10000E+01	10	.92000E+00	11	.94000E+00	12	.82000E+00
13	.71000E+00	14	.62000E+00	15	.53000E+00	16	.47000E+00	17	.43000E+00	18	.46000E+00
19	.52000E+00	20	.57000E+00	21	.72000E+00	22	.57000E+00	23	.48000E+00	24	.53000E+00

SOURCE ID = L0052813 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.64000E+00	2	.68000E+00	3	.67000E+00	4	.69000E+00	5	.78000E+00	6	.67000E+00
7	.59000E+00	8	.72000E+00	9	.10000E+01	10	.92000E+00	11	.94000E+00	12	.82000E+00
13	.71000E+00	14	.62000E+00	15	.53000E+00	16	.47000E+00	17	.43000E+00	18	.46000E+00
19	.52000E+00	20	.57000E+00	21	.72000E+00	22	.57000E+00	23	.48000E+00	24	.53000E+00

SOURCE ID = L0052814 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.64000E+00	2	.68000E+00	3	.67000E+00	4	.69000E+00	5	.78000E+00	6	.67000E+00
7	.59000E+00	8	.72000E+00	9	.10000E+01	10	.92000E+00	11	.94000E+00	12	.82000E+00
13	.71000E+00	14	.62000E+00	15	.53000E+00	16	.47000E+00	17	.43000E+00	18	.46000E+00
19	.52000E+00	20	.57000E+00	21	.72000E+00	22	.57000E+00	23	.48000E+00	24	.53000E+00

SOURCE ID = L0052815 ; SOURCE TYPE = VOLUME :

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       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052816     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE  63
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0052817     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052818     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
```

```
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052819     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052820     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052821     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE  64
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *
```

```
     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0052822     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052823     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052824     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052825     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052826     ; SOURCE TYPE = VOLUME   :
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       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE  65
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0052827     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052828     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052829     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
```

```
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052830     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052831     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE  66
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                          * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0052832     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
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      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052833     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052834     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052835     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052836     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

 SOURCE ID = L0052837   ; SOURCE TYPE = VOLUME   :
       1   .64000E+00   2   .68000E+00   3   .67000E+00   4   .69000E+00   5   .78000E+00   6   .67000E+00
       7   .59000E+00   8   .72000E+00   9   .10000E+01   10   .92000E+00   11   .94000E+00   12   .82000E+00
      13   .71000E+00   14   .62000E+00   15   .53000E+00   16   .47000E+00   17   .43000E+00   18   .46000E+00
      19   .52000E+00   20   .57000E+00   21   .72000E+00   22   .57000E+00   23   .48000E+00   24   .53000E+00

 SOURCE ID = L0052838   ; SOURCE TYPE = VOLUME   :
       1   .64000E+00   2   .68000E+00   3   .67000E+00   4   .69000E+00   5   .78000E+00   6   .67000E+00
       7   .59000E+00   8   .72000E+00   9   .10000E+01   10   .92000E+00   11   .94000E+00   12   .82000E+00
      13   .71000E+00   14   .62000E+00   15   .53000E+00   16   .47000E+00   17   .43000E+00   18   .46000E+00
      19   .52000E+00   20   .57000E+00   21   .72000E+00   22   .57000E+00   23   .48000E+00   24   .53000E+00

 SOURCE ID = L0052839   ; SOURCE TYPE = VOLUME   :
       1   .64000E+00   2   .68000E+00   3   .67000E+00   4   .69000E+00   5   .78000E+00   6   .67000E+00
       7   .59000E+00   8   .72000E+00   9   .10000E+01   10   .92000E+00   11   .94000E+00   12   .82000E+00
      13   .71000E+00   14   .62000E+00   15   .53000E+00   16   .47000E+00   17   .43000E+00   18   .46000E+00
      19   .52000E+00   20   .57000E+00   21   .72000E+00   22   .57000E+00   23   .48000E+00   24   .53000E+00

 SOURCE ID = L0052840   ; SOURCE TYPE = VOLUME   :
       1   .64000E+00   2   .68000E+00   3   .67000E+00   4   .69000E+00   5   .78000E+00   6   .67000E+00

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       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052841     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE  68
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0052842     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052843     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
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      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052844     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052845     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052846     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE  69
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
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 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0052847     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052848     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052849     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052850     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052851     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
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       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE  70
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0052852     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052853     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052854     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
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      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052855     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052856     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE  71
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0052857     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
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      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052858     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052859     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052860     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052861     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.64000E+00	2	.68000E+00	3	.67000E+00	4	.69000E+00	5	.78000E+00
6	.67000E+00	7	.59000E+00	8	.72000E+00	9	.10000E+01	10	.92000E+00
11	.94000E+00	12	.82000E+00	13	.71000E+00	14	.62000E+00	15	.53000E+00
16	.47000E+00	17	.43000E+00	18	.46000E+00	19	.52000E+00	20	.57000E+00
21	.72000E+00	22	.57000E+00	23	.48000E+00	24	.53000E+00		

SOURCE ID = L0052862 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.64000E+00	2	.68000E+00	3	.67000E+00	4	.69000E+00	5	.78000E+00
6	.67000E+00	7	.59000E+00	8	.72000E+00	9	.10000E+01	10	.92000E+00
11	.94000E+00	12	.82000E+00	13	.71000E+00	14	.62000E+00	15	.53000E+00
16	.47000E+00	17	.43000E+00	18	.46000E+00	19	.52000E+00	20	.57000E+00
21	.72000E+00	22	.57000E+00	23	.48000E+00	24	.53000E+00		

SOURCE ID = L0052863 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.64000E+00	2	.68000E+00	3	.67000E+00	4	.69000E+00	5	.78000E+00
6	.67000E+00	7	.59000E+00	8	.72000E+00	9	.10000E+01	10	.92000E+00
11	.94000E+00	12	.82000E+00	13	.71000E+00	14	.62000E+00	15	.53000E+00
16	.47000E+00	17	.43000E+00	18	.46000E+00	19	.52000E+00	20	.57000E+00
21	.72000E+00	22	.57000E+00	23	.48000E+00	24	.53000E+00		

SOURCE ID = L0052864 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.64000E+00	2	.68000E+00	3	.67000E+00	4	.69000E+00	5	.78000E+00
6	.67000E+00	7	.59000E+00	8	.72000E+00	9	.10000E+01	10	.92000E+00
11	.94000E+00	12	.82000E+00	13	.71000E+00	14	.62000E+00	15	.53000E+00
16	.47000E+00	17	.43000E+00	18	.46000E+00	19	.52000E+00	20	.57000E+00
21	.72000E+00	22	.57000E+00	23	.48000E+00	24	.53000E+00		

SOURCE ID = L0052865 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.64000E+00	2	.68000E+00	3	.67000E+00	4	.69000E+00	5	.78000E+00
6	.67000E+00	7	.59000E+00	8	.72000E+00	9	.10000E+01	10	.92000E+00
11	.94000E+00	12	.82000E+00						

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      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052866     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE  73
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0052867     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052868     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
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      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052869     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052870     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052871     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE  74
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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```
 SOURCE ID = L0052872     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052873     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052874     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052875     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052876     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
```

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      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE  75
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0052877     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052878     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052879     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
```

```
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052880     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052881     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE  76
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0052882     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00
```

```
 SOURCE ID = L0052883     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052884     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052885     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052886     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE  77
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0052887     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052888     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052889     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052890     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
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      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052891     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE  78
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0052892     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052893     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00
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 SOURCE ID = L0052894     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052895     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052896     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE  79
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 SOURCE ID = L0052897     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052898     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052899     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052900     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052901     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
```

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      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE  80
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0052902     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052903     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052904     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00
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```
 SOURCE ID = L0052905     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052906     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE  81
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0052907     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00
```

```
 SOURCE ID = L0052908     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052909     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052910     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052911     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE  82
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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```
                          * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0052912     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052913     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052914     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052915     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00
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 SOURCE ID = L0052916     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE  83
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0052917     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052918     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052919     ; SOURCE TYPE = VOLUME   :
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       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052920     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052921     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE  84
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0052922     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
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       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052923     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052924     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052925     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052926     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.64000E+00	2	.68000E+00	3	.67000E+00	4	.69000E+00	5	.78000E+00	6	.67000E+00
7	.59000E+00	8	.72000E+00	9	.10000E+01	10	.92000E+00	11	.94000E+00	12	.82000E+00
13	.71000E+00	14	.62000E+00	15	.53000E+00	16	.47000E+00	17	.43000E+00	18	.46000E+00
19	.52000E+00	20	.57000E+00	21	.72000E+00	22	.57000E+00	23	.48000E+00	24	.53000E+00

SOURCE ID = L0052927 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.64000E+00	2	.68000E+00	3	.67000E+00	4	.69000E+00	5	.78000E+00	6	.67000E+00
7	.59000E+00	8	.72000E+00	9	.10000E+01	10	.92000E+00	11	.94000E+00	12	.82000E+00
13	.71000E+00	14	.62000E+00	15	.53000E+00	16	.47000E+00	17	.43000E+00	18	.46000E+00
19	.52000E+00	20	.57000E+00	21	.72000E+00	22	.57000E+00	23	.48000E+00	24	.53000E+00

SOURCE ID = L0052928 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.64000E+00	2	.68000E+00	3	.67000E+00	4	.69000E+00	5	.78000E+00	6	.67000E+00
7	.59000E+00	8	.72000E+00	9	.10000E+01	10	.92000E+00	11	.94000E+00	12	.82000E+00
13	.71000E+00	14	.62000E+00	15	.53000E+00	16	.47000E+00	17	.43000E+00	18	.46000E+00
19	.52000E+00	20	.57000E+00	21	.72000E+00	22	.57000E+00	23	.48000E+00	24	.53000E+00

SOURCE ID = L0052929 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.64000E+00	2	.68000E+00	3	.67000E+00	4	.69000E+00	5	.78000E+00	6	.67000E+00
7	.59000E+00	8	.72000E+00	9	.10000E+01	10	.92000E+00	11	.94000E+00	12	.82000E+00
13	.71000E+00	14	.62000E+00	15	.53000E+00	16	.47000E+00	17	.43000E+00	18	.46000E+00
19	.52000E+00	20	.57000E+00	21	.72000E+00	22	.57000E+00	23	.48000E+00	24	.53000E+00

SOURCE ID = L0052930 ; SOURCE TYPE = VOLUME :

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       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 SOURCE ID = L0052931     ; SOURCE TYPE = VOLUME   :
       1   .64000E+00      2   .68000E+00      3   .67000E+00
4   .69000E+00      5   .78000E+00      6   .67000E+00
       7   .59000E+00      8   .72000E+00      9   .10000E+01
10   .92000E+00     11   .94000E+00     12   .82000E+00
      13   .71000E+00     14   .62000E+00     15   .53000E+00
16   .47000E+00     17   .43000E+00     18   .46000E+00
      19   .52000E+00     20   .57000E+00     21   .72000E+00
22   .57000E+00     23   .48000E+00     24   .53000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE  86
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0052932     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0052933     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
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       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0052934     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0052935     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0052936     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE  87
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *
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```
     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0052937     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0052938     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0052939     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0052940     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0052941     ; SOURCE TYPE = VOLUME   :
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       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE  88
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0052942     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0052943     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0052944     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
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       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0052945     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0052946     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE  89
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0052947     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
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      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0052948     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0052949     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0052950     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0052951     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

 SOURCE ID = L0052952   ; SOURCE TYPE = VOLUME   :
       1   .44000E+00   2   .40000E+00   3   .38000E+00   4   .43000E+00   5   .59000E+00   6   .78000E+00
       7   .89000E+00   8   .97000E+00   9   .10000E+01   10   .95000E+00   11   .97000E+00   12   .95000E+00
      13   .97000E+00   14   .97000E+00   15   .99000E+00   16   .99000E+00   17   .98000E+00   18   .10000E+01
      19   .99000E+00   20   .94000E+00   21   .97000E+00   22   .83000E+00   23   .69000E+00   24   .55000E+00

 SOURCE ID = L0052953   ; SOURCE TYPE = VOLUME   :
       1   .44000E+00   2   .40000E+00   3   .38000E+00   4   .43000E+00   5   .59000E+00   6   .78000E+00
       7   .89000E+00   8   .97000E+00   9   .10000E+01   10   .95000E+00   11   .97000E+00   12   .95000E+00
      13   .97000E+00   14   .97000E+00   15   .99000E+00   16   .99000E+00   17   .98000E+00   18   .10000E+01
      19   .99000E+00   20   .94000E+00   21   .97000E+00   22   .83000E+00   23   .69000E+00   24   .55000E+00

 SOURCE ID = L0052954   ; SOURCE TYPE = VOLUME   :
       1   .44000E+00   2   .40000E+00   3   .38000E+00   4   .43000E+00   5   .59000E+00   6   .78000E+00
       7   .89000E+00   8   .97000E+00   9   .10000E+01   10   .95000E+00   11   .97000E+00   12   .95000E+00
      13   .97000E+00   14   .97000E+00   15   .99000E+00   16   .99000E+00   17   .98000E+00   18   .10000E+01
      19   .99000E+00   20   .94000E+00   21   .97000E+00   22   .83000E+00   23   .69000E+00   24   .55000E+00

 SOURCE ID = L0052955   ; SOURCE TYPE = VOLUME   :
       1   .44000E+00   2   .40000E+00   3   .38000E+00   4   .43000E+00   5   .59000E+00   6   .78000E+00

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       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0052956     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE  91
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0052957     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0052958     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
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      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0052959     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0052960     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0052961     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE  92
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
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 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0052962     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0052963     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0052964     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0052965     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0052966     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
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       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE  93
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0052967     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0052968     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0052969     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
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      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0052970     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0052971     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE  94
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0052972     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
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      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0052973     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0052974     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0052975     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0052976     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.44000E+00	2	.40000E+00	3	.38000E+00	4	.43000E+00	5	.59000E+00	6	.78000E+00
7	.89000E+00	8	.97000E+00	9	.10000E+01	10	.95000E+00	11	.97000E+00	12	.95000E+00
13	.97000E+00	14	.97000E+00	15	.99000E+00	16	.99000E+00	17	.98000E+00	18	.10000E+01
19	.99000E+00	20	.94000E+00	21	.97000E+00	22	.83000E+00	23	.69000E+00	24	.55000E+00

SOURCE ID = L0052977 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.44000E+00	2	.40000E+00	3	.38000E+00	4	.43000E+00	5	.59000E+00	6	.78000E+00
7	.89000E+00	8	.97000E+00	9	.10000E+01	10	.95000E+00	11	.97000E+00	12	.95000E+00
13	.97000E+00	14	.97000E+00	15	.99000E+00	16	.99000E+00	17	.98000E+00	18	.10000E+01
19	.99000E+00	20	.94000E+00	21	.97000E+00	22	.83000E+00	23	.69000E+00	24	.55000E+00

SOURCE ID = L0052978 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.44000E+00	2	.40000E+00	3	.38000E+00	4	.43000E+00	5	.59000E+00	6	.78000E+00
7	.89000E+00	8	.97000E+00	9	.10000E+01	10	.95000E+00	11	.97000E+00	12	.95000E+00
13	.97000E+00	14	.97000E+00	15	.99000E+00	16	.99000E+00	17	.98000E+00	18	.10000E+01
19	.99000E+00	20	.94000E+00	21	.97000E+00	22	.83000E+00	23	.69000E+00	24	.55000E+00

SOURCE ID = L0052979 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.44000E+00	2	.40000E+00	3	.38000E+00	4	.43000E+00	5	.59000E+00	6	.78000E+00
7	.89000E+00	8	.97000E+00	9	.10000E+01	10	.95000E+00	11	.97000E+00	12	.95000E+00
13	.97000E+00	14	.97000E+00	15	.99000E+00	16	.99000E+00	17	.98000E+00	18	.10000E+01
19	.99000E+00	20	.94000E+00	21	.97000E+00	22	.83000E+00	23	.69000E+00	24	.55000E+00

SOURCE ID = L0052980 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.44000E+00	2	.40000E+00	3	.38000E+00	4	.43000E+00	5	.59000E+00	6	.78000E+00
7	.89000E+00	8	.97000E+00	9	.10000E+01	10	.95000E+00	11	.97000E+00	12	.95000E+00

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      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0052981     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE  96
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0052982     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0052983     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
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      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0052984     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0052985     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0052986     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE  97
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 SOURCE ID = L0052987     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0052988     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0052989     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0052990     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0052991     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
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      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE  98
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0052992     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0052993     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0052994     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
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      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0052995     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0052996     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE  99
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                           * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0052997     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00
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 SOURCE ID = L0052998     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0052999     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0053000     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0053001     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 100
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053002     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0053003     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0053004     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0053005     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
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      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0053006     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 101
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053007     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0053008     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00
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 SOURCE ID = L0053009     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0053010     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0053011     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 102
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                          * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

```
 SOURCE ID = L0053012     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0053013     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0053014     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0053015     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0053016     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
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      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 103
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053017     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0053018     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0053019     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00
```

```
 SOURCE ID = L0053020     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0053021     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 104
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053022     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00
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 SOURCE ID = L0053023     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0053024     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0053025     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0053026     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 105
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

```
                          * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053027     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0053028     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0053029     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0053030     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00
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 SOURCE ID = L0053031     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 106
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053032     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0053033     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0053034     ; SOURCE TYPE = VOLUME   :
```

```
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0053035     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0053036     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053037     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
```

```
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0053038     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0053039     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0053040     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0053041     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.44000E+00	2	.40000E+00	3	.38000E+00	4	.43000E+00	5	.59000E+00	6	.78000E+00
7	.89000E+00	8	.97000E+00	9	.10000E+01	10	.95000E+00	11	.97000E+00	12	.95000E+00
13	.97000E+00	14	.97000E+00	15	.99000E+00	16	.99000E+00	17	.98000E+00	18	.10000E+01
19	.99000E+00	20	.94000E+00	21	.97000E+00	22	.83000E+00	23	.69000E+00	24	.55000E+00

SOURCE ID = L0053042 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.44000E+00	2	.40000E+00	3	.38000E+00	4	.43000E+00	5	.59000E+00	6	.78000E+00
7	.89000E+00	8	.97000E+00	9	.10000E+01	10	.95000E+00	11	.97000E+00	12	.95000E+00
13	.97000E+00	14	.97000E+00	15	.99000E+00	16	.99000E+00	17	.98000E+00	18	.10000E+01
19	.99000E+00	20	.94000E+00	21	.97000E+00	22	.83000E+00	23	.69000E+00	24	.55000E+00

SOURCE ID = L0053043 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.44000E+00	2	.40000E+00	3	.38000E+00	4	.43000E+00	5	.59000E+00	6	.78000E+00
7	.89000E+00	8	.97000E+00	9	.10000E+01	10	.95000E+00	11	.97000E+00	12	.95000E+00
13	.97000E+00	14	.97000E+00	15	.99000E+00	16	.99000E+00	17	.98000E+00	18	.10000E+01
19	.99000E+00	20	.94000E+00	21	.97000E+00	22	.83000E+00	23	.69000E+00	24	.55000E+00

SOURCE ID = L0053044 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.44000E+00	2	.40000E+00	3	.38000E+00	4	.43000E+00	5	.59000E+00	6	.78000E+00
7	.89000E+00	8	.97000E+00	9	.10000E+01	10	.95000E+00	11	.97000E+00	12	.95000E+00
13	.97000E+00	14	.97000E+00	15	.99000E+00	16	.99000E+00	17	.98000E+00	18	.10000E+01
19	.99000E+00	20	.94000E+00	21	.97000E+00	22	.83000E+00	23	.69000E+00	24	.55000E+00

SOURCE ID = L0053045 ; SOURCE TYPE = VOLUME :

```
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0053046     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053047     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0053048     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
```

```
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0053049     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0053050     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0053051     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 110
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                          * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *
```

```
     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053052     ; SOURCE TYPE = VOLUME   :
       1   .44000E+00      2   .40000E+00      3   .38000E+00
4   .43000E+00      5   .59000E+00      6   .78000E+00
       7   .89000E+00      8   .97000E+00      9   .10000E+01
10   .95000E+00     11   .97000E+00     12   .95000E+00
      13   .97000E+00     14   .97000E+00     15   .99000E+00
16   .99000E+00     17   .98000E+00     18   .10000E+01
      19   .99000E+00     20   .94000E+00     21   .97000E+00
22   .83000E+00     23   .69000E+00     24   .55000E+00


 SOURCE ID = L0053053     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053054     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053055     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053056     ; SOURCE TYPE = VOLUME   :
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```
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 111
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053057     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053058     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053059     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
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```
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053060     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053061     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 112
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                          * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053062     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
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      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053063     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053064     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053065     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053066     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

 SOURCE ID = L0053067   ; SOURCE TYPE = VOLUME   :
       1   .12000E+00   2   .10000E+00   3   .10000E+00   4   .13000E+00   5   .23000E+00   6   .36000E+00
       7   .44000E+00   8   .50000E+00   9   .52000E+00   10   .55000E+00   11   .62000E+00   12   .69000E+00
      13   .79000E+00   14   .96000E+00   15   .10000E+01   16   .93000E+00   17   .93000E+00   18   .88000E+00
      19   .80000E+00   20   .68000E+00   21   .53000E+00   22   .42000E+00   23   .28000E+00   24   .17000E+00

 SOURCE ID = L0053068   ; SOURCE TYPE = VOLUME   :
       1   .12000E+00   2   .10000E+00   3   .10000E+00   4   .13000E+00   5   .23000E+00   6   .36000E+00
       7   .44000E+00   8   .50000E+00   9   .52000E+00   10   .55000E+00   11   .62000E+00   12   .69000E+00
      13   .79000E+00   14   .96000E+00   15   .10000E+01   16   .93000E+00   17   .93000E+00   18   .88000E+00
      19   .80000E+00   20   .68000E+00   21   .53000E+00   22   .42000E+00   23   .28000E+00   24   .17000E+00

 SOURCE ID = L0053069   ; SOURCE TYPE = VOLUME   :
       1   .12000E+00   2   .10000E+00   3   .10000E+00   4   .13000E+00   5   .23000E+00   6   .36000E+00
       7   .44000E+00   8   .50000E+00   9   .52000E+00   10   .55000E+00   11   .62000E+00   12   .69000E+00
      13   .79000E+00   14   .96000E+00   15   .10000E+01   16   .93000E+00   17   .93000E+00   18   .88000E+00
      19   .80000E+00   20   .68000E+00   21   .53000E+00   22   .42000E+00   23   .28000E+00   24   .17000E+00

 SOURCE ID = L0053070   ; SOURCE TYPE = VOLUME   :
       1   .12000E+00   2   .10000E+00   3   .10000E+00   4   .13000E+00   5   .23000E+00   6   .36000E+00

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       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053071     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053072     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053073     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
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      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053074     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053075     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053076     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 115
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
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 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053077     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053078     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053079     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053080     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053081     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
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       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 116
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053082     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053083     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053084     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
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      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053085     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053086     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 117
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053087     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
```

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      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053088     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053089     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053090     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053091     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -

 SOURCE ID = L0053092   ; SOURCE TYPE = VOLUME   :
       1   .12000E+00   2   .10000E+00   3   .10000E+00
4   .13000E+00   5   .23000E+00   6   .36000E+00
       7   .44000E+00   8   .50000E+00   9   .52000E+00
10   .55000E+00   11   .62000E+00   12   .69000E+00
      13   .79000E+00   14   .96000E+00   15   .10000E+01
16   .93000E+00   17   .93000E+00   18   .88000E+00
      19   .80000E+00   20   .68000E+00   21   .53000E+00
22   .42000E+00   23   .28000E+00   24   .17000E+00

 SOURCE ID = L0053093   ; SOURCE TYPE = VOLUME   :
       1   .12000E+00   2   .10000E+00   3   .10000E+00
4   .13000E+00   5   .23000E+00   6   .36000E+00
       7   .44000E+00   8   .50000E+00   9   .52000E+00
10   .55000E+00   11   .62000E+00   12   .69000E+00
      13   .79000E+00   14   .96000E+00   15   .10000E+01
16   .93000E+00   17   .93000E+00   18   .88000E+00
      19   .80000E+00   20   .68000E+00   21   .53000E+00
22   .42000E+00   23   .28000E+00   24   .17000E+00

 SOURCE ID = L0053094   ; SOURCE TYPE = VOLUME   :
       1   .12000E+00   2   .10000E+00   3   .10000E+00
4   .13000E+00   5   .23000E+00   6   .36000E+00
       7   .44000E+00   8   .50000E+00   9   .52000E+00
10   .55000E+00   11   .62000E+00   12   .69000E+00
      13   .79000E+00   14   .96000E+00   15   .10000E+01
16   .93000E+00   17   .93000E+00   18   .88000E+00
      19   .80000E+00   20   .68000E+00   21   .53000E+00
22   .42000E+00   23   .28000E+00   24   .17000E+00

 SOURCE ID = L0053095   ; SOURCE TYPE = VOLUME   :
       1   .12000E+00   2   .10000E+00   3   .10000E+00
4   .13000E+00   5   .23000E+00   6   .36000E+00
       7   .44000E+00   8   .50000E+00   9   .52000E+00
10   .55000E+00   11   .62000E+00   12   .69000E+00

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      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053096     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 119
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053097     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053098     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
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      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053099     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053100     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053101     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 120
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 SOURCE ID = L0053102     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053103     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053104     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053105     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053106     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
```

```
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 121
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053107     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053108     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053109     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
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      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053110     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053111     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 122
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                          * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053112     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00
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 SOURCE ID = L0053113     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053114     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053115     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053116     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053117     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053118     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053119     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053120     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
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      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053121     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 124
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053122     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053123     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00
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 SOURCE ID = L0053124     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053125     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053126     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 125
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                          * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

```
 SOURCE ID = L0053127     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053128     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053129     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053130     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053131     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
```

```
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 126
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053132     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053133     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053134     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00
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 SOURCE ID = L0053135     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053136     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 127
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053137     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00
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 SOURCE ID = L0053138     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053139     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053140     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053141     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 128
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

```
                          * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053142     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053143     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053144     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053145     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00
```

```
 SOURCE ID = L0053146     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 129
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053147     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053148     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053149     ; SOURCE TYPE = VOLUME   :
```

```
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053150     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053151     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 130
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053152     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
```

```
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053153     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053154     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053155     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053156     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.12000E+00	2	.10000E+00	3	.10000E+00	4	.13000E+00	5	.23000E+00	6	.36000E+00
7	.44000E+00	8	.50000E+00	9	.52000E+00	10	.55000E+00	11	.62000E+00	12	.69000E+00
13	.79000E+00	14	.96000E+00	15	.10000E+01	16	.93000E+00	17	.93000E+00	18	.88000E+00
19	.80000E+00	20	.68000E+00	21	.53000E+00	22	.42000E+00	23	.28000E+00	24	.17000E+00

SOURCE ID = L0053157 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.12000E+00	2	.10000E+00	3	.10000E+00	4	.13000E+00	5	.23000E+00	6	.36000E+00
7	.44000E+00	8	.50000E+00	9	.52000E+00	10	.55000E+00	11	.62000E+00	12	.69000E+00
13	.79000E+00	14	.96000E+00	15	.10000E+01	16	.93000E+00	17	.93000E+00	18	.88000E+00
19	.80000E+00	20	.68000E+00	21	.53000E+00	22	.42000E+00	23	.28000E+00	24	.17000E+00

SOURCE ID = L0053158 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.12000E+00	2	.10000E+00	3	.10000E+00	4	.13000E+00	5	.23000E+00	6	.36000E+00
7	.44000E+00	8	.50000E+00	9	.52000E+00	10	.55000E+00	11	.62000E+00	12	.69000E+00
13	.79000E+00	14	.96000E+00	15	.10000E+01	16	.93000E+00	17	.93000E+00	18	.88000E+00
19	.80000E+00	20	.68000E+00	21	.53000E+00	22	.42000E+00	23	.28000E+00	24	.17000E+00

SOURCE ID = L0053159 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.12000E+00	2	.10000E+00	3	.10000E+00	4	.13000E+00	5	.23000E+00	6	.36000E+00
7	.44000E+00	8	.50000E+00	9	.52000E+00	10	.55000E+00	11	.62000E+00	12	.69000E+00
13	.79000E+00	14	.96000E+00	15	.10000E+01	16	.93000E+00	17	.93000E+00	18	.88000E+00
19	.80000E+00	20	.68000E+00	21	.53000E+00	22	.42000E+00	23	.28000E+00	24	.17000E+00

SOURCE ID = L0053160 ; SOURCE TYPE = VOLUME :

```
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053161     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 132
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053162     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053163     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
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```
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053164     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053165     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053166     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 133
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *
```

```
     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053167     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053168     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053169     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053170     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053171     ; SOURCE TYPE = VOLUME   :
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       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 134
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053172     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053173     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053174     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
```

```
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053175     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053176     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 135
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                          * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053177     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
```

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      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053178     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053179     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053180     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053181     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

 SOURCE ID = L0053182   ; SOURCE TYPE = VOLUME   :
       1   .12000E+00   2   .10000E+00   3   .10000E+00   4   .13000E+00   5   .23000E+00   6   .36000E+00
       7   .44000E+00   8   .50000E+00   9   .52000E+00   10   .55000E+00   11   .62000E+00   12   .69000E+00
      13   .79000E+00   14   .96000E+00   15   .10000E+01   16   .93000E+00   17   .93000E+00   18   .88000E+00
      19   .80000E+00   20   .68000E+00   21   .53000E+00   22   .42000E+00   23   .28000E+00   24   .17000E+00

 SOURCE ID = L0053183   ; SOURCE TYPE = VOLUME   :
       1   .12000E+00   2   .10000E+00   3   .10000E+00   4   .13000E+00   5   .23000E+00   6   .36000E+00
       7   .44000E+00   8   .50000E+00   9   .52000E+00   10   .55000E+00   11   .62000E+00   12   .69000E+00
      13   .79000E+00   14   .96000E+00   15   .10000E+01   16   .93000E+00   17   .93000E+00   18   .88000E+00
      19   .80000E+00   20   .68000E+00   21   .53000E+00   22   .42000E+00   23   .28000E+00   24   .17000E+00

 SOURCE ID = L0053184   ; SOURCE TYPE = VOLUME   :
       1   .12000E+00   2   .10000E+00   3   .10000E+00   4   .13000E+00   5   .23000E+00   6   .36000E+00
       7   .44000E+00   8   .50000E+00   9   .52000E+00   10   .55000E+00   11   .62000E+00   12   .69000E+00
      13   .79000E+00   14   .96000E+00   15   .10000E+01   16   .93000E+00   17   .93000E+00   18   .88000E+00
      19   .80000E+00   20   .68000E+00   21   .53000E+00   22   .42000E+00   23   .28000E+00   24   .17000E+00

 SOURCE ID = L0053185   ; SOURCE TYPE = VOLUME   :
       1   .12000E+00   2   .10000E+00   3   .10000E+00   4   .13000E+00   5   .23000E+00   6   .36000E+00

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       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053186     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 137
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053187     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053188     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
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      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053189     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053190     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053191     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 138
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
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 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053192     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053193     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053194     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053195     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053196     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
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       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 139
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053197     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053198     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053199     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
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      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053200     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053201     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 140
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053202     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
```

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      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053203     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053204     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053205     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053206     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -

 SOURCE ID = L0053207   ; SOURCE TYPE = VOLUME   :
       1   .12000E+00   2   .10000E+00   3   .10000E+00
4   .13000E+00   5   .23000E+00   6   .36000E+00
       7   .44000E+00   8   .50000E+00   9   .52000E+00
10   .55000E+00   11   .62000E+00   12   .69000E+00
      13   .79000E+00   14   .96000E+00   15   .10000E+01
16   .93000E+00   17   .93000E+00   18   .88000E+00
      19   .80000E+00   20   .68000E+00   21   .53000E+00
22   .42000E+00   23   .28000E+00   24   .17000E+00

 SOURCE ID = L0053208   ; SOURCE TYPE = VOLUME   :
       1   .12000E+00   2   .10000E+00   3   .10000E+00
4   .13000E+00   5   .23000E+00   6   .36000E+00
       7   .44000E+00   8   .50000E+00   9   .52000E+00
10   .55000E+00   11   .62000E+00   12   .69000E+00
      13   .79000E+00   14   .96000E+00   15   .10000E+01
16   .93000E+00   17   .93000E+00   18   .88000E+00
      19   .80000E+00   20   .68000E+00   21   .53000E+00
22   .42000E+00   23   .28000E+00   24   .17000E+00

 SOURCE ID = L0053209   ; SOURCE TYPE = VOLUME   :
       1   .12000E+00   2   .10000E+00   3   .10000E+00
4   .13000E+00   5   .23000E+00   6   .36000E+00
       7   .44000E+00   8   .50000E+00   9   .52000E+00
10   .55000E+00   11   .62000E+00   12   .69000E+00
      13   .79000E+00   14   .96000E+00   15   .10000E+01
16   .93000E+00   17   .93000E+00   18   .88000E+00
      19   .80000E+00   20   .68000E+00   21   .53000E+00
22   .42000E+00   23   .28000E+00   24   .17000E+00

 SOURCE ID = L0053210   ; SOURCE TYPE = VOLUME   :
       1   .12000E+00   2   .10000E+00   3   .10000E+00
4   .13000E+00   5   .23000E+00   6   .36000E+00
       7   .44000E+00   8   .50000E+00   9   .52000E+00
10   .55000E+00   11   .62000E+00   12   .69000E+00

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      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053211     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 142
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053212     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053213     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
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      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053214     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053215     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053216     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 143
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 SOURCE ID = L0053217     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053218     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053219     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053220     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053221     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
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      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 144
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053222     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053223     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053224     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
```

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      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053225     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053226     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                          * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053227     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00
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 SOURCE ID = L0053228     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053229     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053230     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053231     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053232     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053233     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053234     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053235     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
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      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053236     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053237     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053238     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00
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 SOURCE ID = L0053239     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053240     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053241     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 148
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 SOURCE ID = L0053242     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .10000E+00      3   .10000E+00
4   .13000E+00      5   .23000E+00      6   .36000E+00
       7   .44000E+00      8   .50000E+00      9   .52000E+00
10   .55000E+00     11   .62000E+00     12   .69000E+00
      13   .79000E+00     14   .96000E+00     15   .10000E+01
16   .93000E+00     17   .93000E+00     18   .88000E+00
      19   .80000E+00     20   .68000E+00     21   .53000E+00
22   .42000E+00     23   .28000E+00     24   .17000E+00


 SOURCE ID = L0053243     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053244     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053245     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053246     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
```

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      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 149
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053247     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053248     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053249     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01
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 SOURCE ID = L0053250     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053251     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 150
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053252     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01
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 SOURCE ID = L0053253     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053254     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053255     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053256     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 151
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

```
                          * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053257     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053258     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053259     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053260     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01
```

```
 SOURCE ID = L0053261     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 152
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053262     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053263     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053264     ; SOURCE TYPE = VOLUME   :
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```
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053265     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053266     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 153
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                           * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053267     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
```

```
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053268     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053269     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053270     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053271     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.30000E-01	2	.30000E-01	3	.70000E-01	4	.52000E+00	5	.92000E+00	6	.93000E+00
7	.10000E+01	8	.10000E+01	9	.83000E+00	10	.65000E+00	11	.56000E+00	12	.52000E+00
13	.51000E+00	14	.51000E+00	15	.53000E+00	16	.54000E+00	17	.50000E+00	18	.37000E+00
19	.24000E+00	20	.21000E+00	21	.16000E+00	22	.10000E+00	23	.60000E-01	24	.30000E-01

SOURCE ID = L0053272 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.30000E-01	2	.30000E-01	3	.70000E-01	4	.52000E+00	5	.92000E+00	6	.93000E+00
7	.10000E+01	8	.10000E+01	9	.83000E+00	10	.65000E+00	11	.56000E+00	12	.52000E+00
13	.51000E+00	14	.51000E+00	15	.53000E+00	16	.54000E+00	17	.50000E+00	18	.37000E+00
19	.24000E+00	20	.21000E+00	21	.16000E+00	22	.10000E+00	23	.60000E-01	24	.30000E-01

SOURCE ID = L0053273 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.30000E-01	2	.30000E-01	3	.70000E-01	4	.52000E+00	5	.92000E+00	6	.93000E+00
7	.10000E+01	8	.10000E+01	9	.83000E+00	10	.65000E+00	11	.56000E+00	12	.52000E+00
13	.51000E+00	14	.51000E+00	15	.53000E+00	16	.54000E+00	17	.50000E+00	18	.37000E+00
19	.24000E+00	20	.21000E+00	21	.16000E+00	22	.10000E+00	23	.60000E-01	24	.30000E-01

SOURCE ID = L0053274 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.30000E-01	2	.30000E-01	3	.70000E-01	4	.52000E+00	5	.92000E+00	6	.93000E+00
7	.10000E+01	8	.10000E+01	9	.83000E+00	10	.65000E+00	11	.56000E+00	12	.52000E+00
13	.51000E+00	14	.51000E+00	15	.53000E+00	16	.54000E+00	17	.50000E+00	18	.37000E+00
19	.24000E+00	20	.21000E+00	21	.16000E+00	22	.10000E+00	23	.60000E-01	24	.30000E-01

SOURCE ID = L0053275 ; SOURCE TYPE = VOLUME :

```
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053276     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 155
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                          * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053277     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053278     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
```

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       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053279     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053280     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053281     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *
```

```
     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053282     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053283     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053284     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053285     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053286     ; SOURCE TYPE = VOLUME   :
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       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053287     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053288     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053289     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
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```
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053290     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053291     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 158
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                          * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053292     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
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      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053293     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053294     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053295     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053296     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

 SOURCE ID = L0053297   ; SOURCE TYPE = VOLUME   :
       1   .30000E-01   2   .30000E-01   3   .70000E-01   4   .52000E+00   5   .92000E+00   6   .93000E+00
       7   .10000E+01   8   .10000E+01   9   .83000E+00   10   .65000E+00   11   .56000E+00   12   .52000E+00
      13   .51000E+00   14   .51000E+00   15   .53000E+00   16   .54000E+00   17   .50000E+00   18   .37000E+00
      19   .24000E+00   20   .21000E+00   21   .16000E+00   22   .10000E+00   23   .60000E-01   24   .30000E-01

 SOURCE ID = L0053298   ; SOURCE TYPE = VOLUME   :
       1   .30000E-01   2   .30000E-01   3   .70000E-01   4   .52000E+00   5   .92000E+00   6   .93000E+00
       7   .10000E+01   8   .10000E+01   9   .83000E+00   10   .65000E+00   11   .56000E+00   12   .52000E+00
      13   .51000E+00   14   .51000E+00   15   .53000E+00   16   .54000E+00   17   .50000E+00   18   .37000E+00
      19   .24000E+00   20   .21000E+00   21   .16000E+00   22   .10000E+00   23   .60000E-01   24   .30000E-01

 SOURCE ID = L0053299   ; SOURCE TYPE = VOLUME   :
       1   .30000E-01   2   .30000E-01   3   .70000E-01   4   .52000E+00   5   .92000E+00   6   .93000E+00
       7   .10000E+01   8   .10000E+01   9   .83000E+00   10   .65000E+00   11   .56000E+00   12   .52000E+00
      13   .51000E+00   14   .51000E+00   15   .53000E+00   16   .54000E+00   17   .50000E+00   18   .37000E+00
      19   .24000E+00   20   .21000E+00   21   .16000E+00   22   .10000E+00   23   .60000E-01   24   .30000E-01

 SOURCE ID = L0053300   ; SOURCE TYPE = VOLUME   :
       1   .30000E-01   2   .30000E-01   3   .70000E-01   4   .52000E+00   5   .92000E+00   6   .93000E+00

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       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053301     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 160
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053302     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053303     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
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      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053304     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053305     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053306     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 161
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
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 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053307     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053308     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053309     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053310     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053311     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
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       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 162
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053312     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053313     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053314     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
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      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053315     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053316     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 163
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053317     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
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      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053318     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053319     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053320     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053321     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -

 SOURCE ID = L0053322   ; SOURCE TYPE = VOLUME   :
       1   .30000E-01   2   .30000E-01   3   .70000E-01
4   .52000E+00   5   .92000E+00   6   .93000E+00
       7   .10000E+01   8   .10000E+01   9   .83000E+00
10   .65000E+00   11   .56000E+00   12   .52000E+00
      13   .51000E+00   14   .51000E+00   15   .53000E+00
16   .54000E+00   17   .50000E+00   18   .37000E+00
      19   .24000E+00   20   .21000E+00   21   .16000E+00
22   .10000E+00   23   .60000E-01   24   .30000E-01

 SOURCE ID = L0053323   ; SOURCE TYPE = VOLUME   :
       1   .30000E-01   2   .30000E-01   3   .70000E-01
4   .52000E+00   5   .92000E+00   6   .93000E+00
       7   .10000E+01   8   .10000E+01   9   .83000E+00
10   .65000E+00   11   .56000E+00   12   .52000E+00
      13   .51000E+00   14   .51000E+00   15   .53000E+00
16   .54000E+00   17   .50000E+00   18   .37000E+00
      19   .24000E+00   20   .21000E+00   21   .16000E+00
22   .10000E+00   23   .60000E-01   24   .30000E-01

 SOURCE ID = L0053324   ; SOURCE TYPE = VOLUME   :
       1   .30000E-01   2   .30000E-01   3   .70000E-01
4   .52000E+00   5   .92000E+00   6   .93000E+00
       7   .10000E+01   8   .10000E+01   9   .83000E+00
10   .65000E+00   11   .56000E+00   12   .52000E+00
      13   .51000E+00   14   .51000E+00   15   .53000E+00
16   .54000E+00   17   .50000E+00   18   .37000E+00
      19   .24000E+00   20   .21000E+00   21   .16000E+00
22   .10000E+00   23   .60000E-01   24   .30000E-01

 SOURCE ID = L0053325   ; SOURCE TYPE = VOLUME   :
       1   .30000E-01   2   .30000E-01   3   .70000E-01
4   .52000E+00   5   .92000E+00   6   .93000E+00
       7   .10000E+01   8   .10000E+01   9   .83000E+00
10   .65000E+00   11   .56000E+00   12   .52000E+00

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      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053326     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 165
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053327     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053328     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
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      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053329     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053330     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053331     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 166
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 SOURCE ID = L0053332     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053333     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053334     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053335     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053336     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
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      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053337     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053338     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053339     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
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      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053340     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053341     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                           * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053342     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01
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 SOURCE ID = L0053343     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053344     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053345     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053346     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053347     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053348     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053349     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053350     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
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      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053351     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053352     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053353     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01
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 SOURCE ID = L0053354     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053355     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053356     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 171
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 SOURCE ID = L0053357     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053358     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053359     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053360     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053361     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
```

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      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 172
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053362     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053363     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053364     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01
```

```
 SOURCE ID = L0053365     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053366     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 173
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053367     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01
```

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 SOURCE ID = L0053368     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053369     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053370     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053371     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 174
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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```
                          * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053372     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053373     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053374     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053375     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01
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```
 SOURCE ID = L0053376     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 175
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053377     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053378     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053379     ; SOURCE TYPE = VOLUME   :
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```
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053380     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053381     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 176
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053382     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
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       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053383     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053384     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053385     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053386     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.30000E-01	2	.30000E-01	3	.70000E-01	4	.52000E+00	5	.92000E+00	6	.93000E+00
7	.10000E+01	8	.10000E+01	9	.83000E+00	10	.65000E+00	11	.56000E+00	12	.52000E+00
13	.51000E+00	14	.51000E+00	15	.53000E+00	16	.54000E+00	17	.50000E+00	18	.37000E+00
19	.24000E+00	20	.21000E+00	21	.16000E+00	22	.10000E+00	23	.60000E-01	24	.30000E-01

SOURCE ID = L0053387 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.30000E-01	2	.30000E-01	3	.70000E-01	4	.52000E+00	5	.92000E+00	6	.93000E+00
7	.10000E+01	8	.10000E+01	9	.83000E+00	10	.65000E+00	11	.56000E+00	12	.52000E+00
13	.51000E+00	14	.51000E+00	15	.53000E+00	16	.54000E+00	17	.50000E+00	18	.37000E+00
19	.24000E+00	20	.21000E+00	21	.16000E+00	22	.10000E+00	23	.60000E-01	24	.30000E-01

SOURCE ID = L0053388 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.30000E-01	2	.30000E-01	3	.70000E-01	4	.52000E+00	5	.92000E+00	6	.93000E+00
7	.10000E+01	8	.10000E+01	9	.83000E+00	10	.65000E+00	11	.56000E+00	12	.52000E+00
13	.51000E+00	14	.51000E+00	15	.53000E+00	16	.54000E+00	17	.50000E+00	18	.37000E+00
19	.24000E+00	20	.21000E+00	21	.16000E+00	22	.10000E+00	23	.60000E-01	24	.30000E-01

SOURCE ID = L0053389 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.30000E-01	2	.30000E-01	3	.70000E-01	4	.52000E+00	5	.92000E+00	6	.93000E+00
7	.10000E+01	8	.10000E+01	9	.83000E+00	10	.65000E+00	11	.56000E+00	12	.52000E+00
13	.51000E+00	14	.51000E+00	15	.53000E+00	16	.54000E+00	17	.50000E+00	18	.37000E+00
19	.24000E+00	20	.21000E+00	21	.16000E+00	22	.10000E+00	23	.60000E-01	24	.30000E-01

SOURCE ID = L0053390 ; SOURCE TYPE = VOLUME :

```
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053391     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                           * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053392     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053393     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
```

```
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053394     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053395     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053396     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *
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```
     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053397     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053398     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053399     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053400     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053401     ; SOURCE TYPE = VOLUME   :
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       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 180
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053402     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053403     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053404     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
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```
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053405     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053406     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 181
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                          * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053407     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
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      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053408     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053409     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053410     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053411     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

 SOURCE ID = L0053412   ; SOURCE TYPE = VOLUME   :
       1   .30000E-01   2   .30000E-01   3   .70000E-01   4   .52000E+00   5   .92000E+00   6   .93000E+00
       7   .10000E+01   8   .10000E+01   9   .83000E+00   10   .65000E+00   11   .56000E+00   12   .52000E+00
      13   .51000E+00   14   .51000E+00   15   .53000E+00   16   .54000E+00   17   .50000E+00   18   .37000E+00
      19   .24000E+00   20   .21000E+00   21   .16000E+00   22   .10000E+00   23   .60000E-01   24   .30000E-01

 SOURCE ID = L0053413   ; SOURCE TYPE = VOLUME   :
       1   .30000E-01   2   .30000E-01   3   .70000E-01   4   .52000E+00   5   .92000E+00   6   .93000E+00
       7   .10000E+01   8   .10000E+01   9   .83000E+00   10   .65000E+00   11   .56000E+00   12   .52000E+00
      13   .51000E+00   14   .51000E+00   15   .53000E+00   16   .54000E+00   17   .50000E+00   18   .37000E+00
      19   .24000E+00   20   .21000E+00   21   .16000E+00   22   .10000E+00   23   .60000E-01   24   .30000E-01

 SOURCE ID = L0053414   ; SOURCE TYPE = VOLUME   :
       1   .30000E-01   2   .30000E-01   3   .70000E-01   4   .52000E+00   5   .92000E+00   6   .93000E+00
       7   .10000E+01   8   .10000E+01   9   .83000E+00   10   .65000E+00   11   .56000E+00   12   .52000E+00
      13   .51000E+00   14   .51000E+00   15   .53000E+00   16   .54000E+00   17   .50000E+00   18   .37000E+00
      19   .24000E+00   20   .21000E+00   21   .16000E+00   22   .10000E+00   23   .60000E-01   24   .30000E-01

 SOURCE ID = L0053415   ; SOURCE TYPE = VOLUME   :
       1   .30000E-01   2   .30000E-01   3   .70000E-01   4   .52000E+00   5   .92000E+00   6   .93000E+00

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       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053416     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053417     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053418     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
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      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053419     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053420     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053421     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 184
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
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 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053422     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053423     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053424     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053425     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053426     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
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       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 185
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053427     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053428     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053429     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
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      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053430     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053431     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 186
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053432     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
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      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053433     ; SOURCE TYPE = VOLUME   :
       1   .30000E-01      2   .30000E-01      3   .70000E-01
4   .52000E+00      5   .92000E+00      6   .93000E+00
       7   .10000E+01      8   .10000E+01      9   .83000E+00
10   .65000E+00     11   .56000E+00     12   .52000E+00
      13   .51000E+00     14   .51000E+00     15   .53000E+00
16   .54000E+00     17   .50000E+00     18   .37000E+00
      19   .24000E+00     20   .21000E+00     21   .16000E+00
22   .10000E+00     23   .60000E-01     24   .30000E-01


 SOURCE ID = L0053434     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053435     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053436     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -

 SOURCE ID = L0053437   ; SOURCE TYPE = VOLUME   :
       1   .36000E+00   2   .37000E+00   3   .50000E+00
4   .10000E+01   5   .89000E+00   6   .86000E+00
       7   .92000E+00   8   .95000E+00   9   .98000E+00
10   .95000E+00   11   .97000E+00   12   .93000E+00
      13   .91000E+00   14   .91000E+00   15   .93000E+00
16   .95000E+00   17   .94000E+00   18   .91000E+00
      19   .79000E+00   20   .72000E+00   21   .69000E+00
22   .60000E+00   23   .48000E+00   24   .39000E+00

 SOURCE ID = L0053438   ; SOURCE TYPE = VOLUME   :
       1   .36000E+00   2   .37000E+00   3   .50000E+00
4   .10000E+01   5   .89000E+00   6   .86000E+00
       7   .92000E+00   8   .95000E+00   9   .98000E+00
10   .95000E+00   11   .97000E+00   12   .93000E+00
      13   .91000E+00   14   .91000E+00   15   .93000E+00
16   .95000E+00   17   .94000E+00   18   .91000E+00
      19   .79000E+00   20   .72000E+00   21   .69000E+00
22   .60000E+00   23   .48000E+00   24   .39000E+00

 SOURCE ID = L0053439   ; SOURCE TYPE = VOLUME   :
       1   .36000E+00   2   .37000E+00   3   .50000E+00
4   .10000E+01   5   .89000E+00   6   .86000E+00
       7   .92000E+00   8   .95000E+00   9   .98000E+00
10   .95000E+00   11   .97000E+00   12   .93000E+00
      13   .91000E+00   14   .91000E+00   15   .93000E+00
16   .95000E+00   17   .94000E+00   18   .91000E+00
      19   .79000E+00   20   .72000E+00   21   .69000E+00
22   .60000E+00   23   .48000E+00   24   .39000E+00

 SOURCE ID = L0053440   ; SOURCE TYPE = VOLUME   :
       1   .36000E+00   2   .37000E+00   3   .50000E+00
4   .10000E+01   5   .89000E+00   6   .86000E+00
       7   .92000E+00   8   .95000E+00   9   .98000E+00
10   .95000E+00   11   .97000E+00   12   .93000E+00

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      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053441     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 188
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053442     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053443     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
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      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053444     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053445     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053446     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 189
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

```
 SOURCE ID = L0053447     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053448     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053449     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053450     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053451     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
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      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 190
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053452     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053453     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053454     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
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      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053455     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053456     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 191
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                           * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053457     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00
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 SOURCE ID = L0053458     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053459     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053460     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053461     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 192
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053462     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053463     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053464     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053465     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
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      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053466     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 193
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053467     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053468     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00
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 SOURCE ID = L0053469     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053470     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053471     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 194
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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```
 SOURCE ID = L0053472     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053473     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053474     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053475     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053476     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
```

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      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 195
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053477     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053478     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053479     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00
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 SOURCE ID = L0053480     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053481     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 196
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                           * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053482     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00
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 SOURCE ID = L0053483     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053484     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053485     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053486     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 197
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

```
                          * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053487     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053488     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053489     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053490     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00
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 SOURCE ID = L0053491     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 198
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053492     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053493     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053494     ; SOURCE TYPE = VOLUME   :
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       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053495     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053496     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 199
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053497     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
```

```
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053498     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053499     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053500     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053501     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.36000E+00	2	.37000E+00	3	.50000E+00	4	.10000E+01	5	.89000E+00	6	.86000E+00
7	.92000E+00	8	.95000E+00	9	.98000E+00	10	.95000E+00	11	.97000E+00	12	.93000E+00
13	.91000E+00	14	.91000E+00	15	.93000E+00	16	.95000E+00	17	.94000E+00	18	.91000E+00
19	.79000E+00	20	.72000E+00	21	.69000E+00	22	.60000E+00	23	.48000E+00	24	.39000E+00

SOURCE ID = L0053502 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.36000E+00	2	.37000E+00	3	.50000E+00	4	.10000E+01	5	.89000E+00	6	.86000E+00
7	.92000E+00	8	.95000E+00	9	.98000E+00	10	.95000E+00	11	.97000E+00	12	.93000E+00
13	.91000E+00	14	.91000E+00	15	.93000E+00	16	.95000E+00	17	.94000E+00	18	.91000E+00
19	.79000E+00	20	.72000E+00	21	.69000E+00	22	.60000E+00	23	.48000E+00	24	.39000E+00

SOURCE ID = L0053503 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.36000E+00	2	.37000E+00	3	.50000E+00	4	.10000E+01	5	.89000E+00	6	.86000E+00
7	.92000E+00	8	.95000E+00	9	.98000E+00	10	.95000E+00	11	.97000E+00	12	.93000E+00
13	.91000E+00	14	.91000E+00	15	.93000E+00	16	.95000E+00	17	.94000E+00	18	.91000E+00
19	.79000E+00	20	.72000E+00	21	.69000E+00	22	.60000E+00	23	.48000E+00	24	.39000E+00

SOURCE ID = L0053504 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.36000E+00	2	.37000E+00	3	.50000E+00	4	.10000E+01	5	.89000E+00	6	.86000E+00
7	.92000E+00	8	.95000E+00	9	.98000E+00	10	.95000E+00	11	.97000E+00	12	.93000E+00
13	.91000E+00	14	.91000E+00	15	.93000E+00	16	.95000E+00	17	.94000E+00	18	.91000E+00
19	.79000E+00	20	.72000E+00	21	.69000E+00	22	.60000E+00	23	.48000E+00	24	.39000E+00

SOURCE ID = L0053505 ; SOURCE TYPE = VOLUME :

```
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053506     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 201
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053507     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053508     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
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       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053509     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053510     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053511     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 202
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *
```

```
     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053512     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053513     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053514     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053515     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053516     ; SOURCE TYPE = VOLUME   :
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       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 203
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053517     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053518     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053519     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
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       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053520     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053521     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 204
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                          * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053522     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
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```
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053523     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053524     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053525     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053526     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

 SOURCE ID = L0053527   ; SOURCE TYPE = VOLUME   :
       1   .36000E+00   2   .37000E+00   3   .50000E+00
4   .10000E+01   5   .89000E+00   6   .86000E+00
       7   .92000E+00   8   .95000E+00   9   .98000E+00
10   .95000E+00   11   .97000E+00   12   .93000E+00
      13   .91000E+00   14   .91000E+00   15   .93000E+00
16   .95000E+00   17   .94000E+00   18   .91000E+00
      19   .79000E+00   20   .72000E+00   21   .69000E+00
22   .60000E+00   23   .48000E+00   24   .39000E+00

 SOURCE ID = L0053528   ; SOURCE TYPE = VOLUME   :
       1   .36000E+00   2   .37000E+00   3   .50000E+00
4   .10000E+01   5   .89000E+00   6   .86000E+00
       7   .92000E+00   8   .95000E+00   9   .98000E+00
10   .95000E+00   11   .97000E+00   12   .93000E+00
      13   .91000E+00   14   .91000E+00   15   .93000E+00
16   .95000E+00   17   .94000E+00   18   .91000E+00
      19   .79000E+00   20   .72000E+00   21   .69000E+00
22   .60000E+00   23   .48000E+00   24   .39000E+00

 SOURCE ID = L0053529   ; SOURCE TYPE = VOLUME   :
       1   .36000E+00   2   .37000E+00   3   .50000E+00
4   .10000E+01   5   .89000E+00   6   .86000E+00
       7   .92000E+00   8   .95000E+00   9   .98000E+00
10   .95000E+00   11   .97000E+00   12   .93000E+00
      13   .91000E+00   14   .91000E+00   15   .93000E+00
16   .95000E+00   17   .94000E+00   18   .91000E+00
      19   .79000E+00   20   .72000E+00   21   .69000E+00
22   .60000E+00   23   .48000E+00   24   .39000E+00

 SOURCE ID = L0053530   ; SOURCE TYPE = VOLUME   :
       1   .36000E+00   2   .37000E+00   3   .50000E+00
4   .10000E+01   5   .89000E+00   6   .86000E+00

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       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053531     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 206
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                          * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053532     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053533     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
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      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053534     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053535     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053536     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 207
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
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 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053537     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053538     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053539     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053540     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053541     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
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       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 208
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053542     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053543     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053544     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
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      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053545     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053546     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 209
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053547     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
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      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053548     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053549     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053550     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053551     ; SOURCE TYPE = VOLUME   :
       1   .36000E+00      2   .37000E+00      3   .50000E+00
4   .10000E+01      5   .89000E+00      6   .86000E+00
       7   .92000E+00      8   .95000E+00      9   .98000E+00
10   .95000E+00     11   .97000E+00     12   .93000E+00
      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

 SOURCE ID = L0053552   ; SOURCE TYPE = VOLUME   :
       1   .36000E+00   2   .37000E+00   3   .50000E+00
4   .10000E+01   5   .89000E+00   6   .86000E+00
       7   .92000E+00   8   .95000E+00   9   .98000E+00
10   .95000E+00   11   .97000E+00   12   .93000E+00
      13   .91000E+00   14   .91000E+00   15   .93000E+00
16   .95000E+00   17   .94000E+00   18   .91000E+00
      19   .79000E+00   20   .72000E+00   21   .69000E+00
22   .60000E+00   23   .48000E+00   24   .39000E+00

 SOURCE ID = L0053553   ; SOURCE TYPE = VOLUME   :
       1   .36000E+00   2   .37000E+00   3   .50000E+00
4   .10000E+01   5   .89000E+00   6   .86000E+00
       7   .92000E+00   8   .95000E+00   9   .98000E+00
10   .95000E+00   11   .97000E+00   12   .93000E+00
      13   .91000E+00   14   .91000E+00   15   .93000E+00
16   .95000E+00   17   .94000E+00   18   .91000E+00
      19   .79000E+00   20   .72000E+00   21   .69000E+00
22   .60000E+00   23   .48000E+00   24   .39000E+00

 SOURCE ID = L0053554   ; SOURCE TYPE = VOLUME   :
       1   .36000E+00   2   .37000E+00   3   .50000E+00
4   .10000E+01   5   .89000E+00   6   .86000E+00
       7   .92000E+00   8   .95000E+00   9   .98000E+00
10   .95000E+00   11   .97000E+00   12   .93000E+00
      13   .91000E+00   14   .91000E+00   15   .93000E+00
16   .95000E+00   17   .94000E+00   18   .91000E+00
      19   .79000E+00   20   .72000E+00   21   .69000E+00
22   .60000E+00   23   .48000E+00   24   .39000E+00

 SOURCE ID = L0053555   ; SOURCE TYPE = VOLUME   :
       1   .36000E+00   2   .37000E+00   3   .50000E+00
4   .10000E+01   5   .89000E+00   6   .86000E+00
       7   .92000E+00   8   .95000E+00   9   .98000E+00
10   .95000E+00   11   .97000E+00   12   .93000E+00

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      13   .91000E+00     14   .91000E+00     15   .93000E+00
16   .95000E+00     17   .94000E+00     18   .91000E+00
      19   .79000E+00     20   .72000E+00     21   .69000E+00
22   .60000E+00     23   .48000E+00     24   .39000E+00


 SOURCE ID = L0053556     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 211
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053557     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053558     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
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      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053559     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053560     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053561     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 212
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 SOURCE ID = L0053562     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053563     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053564     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053565     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053566     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
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      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 213
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053567     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053568     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053569     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
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      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053570     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053571     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 214
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                           * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053572     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00
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 SOURCE ID = L0053573     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053574     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053575     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053576     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 215
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053577     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053578     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053579     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053580     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
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      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053581     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 216
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053582     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053583     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00
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 SOURCE ID = L0053584     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053585     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053586     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 217
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 SOURCE ID = L0053587     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053588     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053589     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053590     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053591     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
```

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      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 218
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053592     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053593     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053594     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00
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 SOURCE ID = L0053595     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053596     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 219
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053597     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00
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 SOURCE ID = L0053598     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053599     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053600     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053601     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 220
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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```
                          * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053602     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053603     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053604     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053605     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00
```

```
 SOURCE ID = L0053606     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 221
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053607     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053608     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053609     ; SOURCE TYPE = VOLUME   :
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```
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053610     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053611     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 222
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053612     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
```

```
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053613     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053614     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053615     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053616     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.31000E+00	2	.33000E+00	3	.49000E+00	4	.10000E+01	5	.88000E+00	6	.70000E+00
7	.72000E+00	8	.77000E+00	9	.76000E+00	10	.84000E+00	11	.94000E+00	12	.90000E+00
13	.84000E+00	14	.82000E+00	15	.84000E+00	16	.86000E+00	17	.83000E+00	18	.87000E+00
19	.77000E+00	20	.71000E+00	21	.66000E+00	22	.55000E+00	23	.42000E+00	24	.34000E+00

SOURCE ID = L0053617 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.31000E+00	2	.33000E+00	3	.49000E+00	4	.10000E+01	5	.88000E+00	6	.70000E+00
7	.72000E+00	8	.77000E+00	9	.76000E+00	10	.84000E+00	11	.94000E+00	12	.90000E+00
13	.84000E+00	14	.82000E+00	15	.84000E+00	16	.86000E+00	17	.83000E+00	18	.87000E+00
19	.77000E+00	20	.71000E+00	21	.66000E+00	22	.55000E+00	23	.42000E+00	24	.34000E+00

SOURCE ID = L0053618 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.31000E+00	2	.33000E+00	3	.49000E+00	4	.10000E+01	5	.88000E+00	6	.70000E+00
7	.72000E+00	8	.77000E+00	9	.76000E+00	10	.84000E+00	11	.94000E+00	12	.90000E+00
13	.84000E+00	14	.82000E+00	15	.84000E+00	16	.86000E+00	17	.83000E+00	18	.87000E+00
19	.77000E+00	20	.71000E+00	21	.66000E+00	22	.55000E+00	23	.42000E+00	24	.34000E+00

SOURCE ID = L0053619 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.31000E+00	2	.33000E+00	3	.49000E+00	4	.10000E+01	5	.88000E+00	6	.70000E+00
7	.72000E+00	8	.77000E+00	9	.76000E+00	10	.84000E+00	11	.94000E+00	12	.90000E+00
13	.84000E+00	14	.82000E+00	15	.84000E+00	16	.86000E+00	17	.83000E+00	18	.87000E+00
19	.77000E+00	20	.71000E+00	21	.66000E+00	22	.55000E+00	23	.42000E+00	24	.34000E+00

SOURCE ID = L0053620 ; SOURCE TYPE = VOLUME :

```
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053621     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 224
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053622     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053623     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
```

```
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053624     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053625     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053626     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 225
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *
```

```
     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053627     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053628     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053629     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053630     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053631     ; SOURCE TYPE = VOLUME   :
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```
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 226
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053632     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053633     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053634     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
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       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053635     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053636     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 227
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                          * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053637     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
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      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053638     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053639     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053640     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053641     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.31000E+00	2	.33000E+00	3	.49000E+00	4	.10000E+01	5	.88000E+00	6	.70000E+00
7	.72000E+00	8	.77000E+00	9	.76000E+00	10	.84000E+00	11	.94000E+00	12	.90000E+00
13	.84000E+00	14	.82000E+00	15	.84000E+00	16	.86000E+00	17	.83000E+00	18	.87000E+00
19	.77000E+00	20	.71000E+00	21	.66000E+00	22	.55000E+00	23	.42000E+00	24	.34000E+00

 SOURCE ID = L0053642   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.31000E+00	2	.33000E+00	3	.49000E+00	4	.10000E+01	5	.88000E+00	6	.70000E+00
7	.72000E+00	8	.77000E+00	9	.76000E+00	10	.84000E+00	11	.94000E+00	12	.90000E+00
13	.84000E+00	14	.82000E+00	15	.84000E+00	16	.86000E+00	17	.83000E+00	18	.87000E+00
19	.77000E+00	20	.71000E+00	21	.66000E+00	22	.55000E+00	23	.42000E+00	24	.34000E+00

 SOURCE ID = L0053643   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.31000E+00	2	.33000E+00	3	.49000E+00	4	.10000E+01	5	.88000E+00	6	.70000E+00
7	.72000E+00	8	.77000E+00	9	.76000E+00	10	.84000E+00	11	.94000E+00	12	.90000E+00
13	.84000E+00	14	.82000E+00	15	.84000E+00	16	.86000E+00	17	.83000E+00	18	.87000E+00
19	.77000E+00	20	.71000E+00	21	.66000E+00	22	.55000E+00	23	.42000E+00	24	.34000E+00

 SOURCE ID = L0053644   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.31000E+00	2	.33000E+00	3	.49000E+00	4	.10000E+01	5	.88000E+00	6	.70000E+00
7	.72000E+00	8	.77000E+00	9	.76000E+00	10	.84000E+00	11	.94000E+00	12	.90000E+00
13	.84000E+00	14	.82000E+00	15	.84000E+00	16	.86000E+00	17	.83000E+00	18	.87000E+00
19	.77000E+00	20	.71000E+00	21	.66000E+00	22	.55000E+00	23	.42000E+00	24	.34000E+00

 SOURCE ID = L0053645   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.31000E+00	2	.33000E+00	3	.49000E+00	4	.10000E+01	5	.88000E+00	6	.70000E+00

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       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053646     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 229
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053647     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053648     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
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      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053649     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053650     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053651     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 230
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
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 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053652     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053653     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053654     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053655     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053656     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
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       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 231
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053657     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053658     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053659     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
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      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053660     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053661     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 232
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053662     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
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      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053663     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053664     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053665     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053666     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -

 SOURCE ID = L0053667   ; SOURCE TYPE = VOLUME   :
       1   .31000E+00   2   .33000E+00   3   .49000E+00
4   .10000E+01   5   .88000E+00   6   .70000E+00
       7   .72000E+00   8   .77000E+00   9   .76000E+00
10   .84000E+00   11   .94000E+00   12   .90000E+00
      13   .84000E+00   14   .82000E+00   15   .84000E+00
16   .86000E+00   17   .83000E+00   18   .87000E+00
      19   .77000E+00   20   .71000E+00   21   .66000E+00
22   .55000E+00   23   .42000E+00   24   .34000E+00

 SOURCE ID = L0053668   ; SOURCE TYPE = VOLUME   :
       1   .31000E+00   2   .33000E+00   3   .49000E+00
4   .10000E+01   5   .88000E+00   6   .70000E+00
       7   .72000E+00   8   .77000E+00   9   .76000E+00
10   .84000E+00   11   .94000E+00   12   .90000E+00
      13   .84000E+00   14   .82000E+00   15   .84000E+00
16   .86000E+00   17   .83000E+00   18   .87000E+00
      19   .77000E+00   20   .71000E+00   21   .66000E+00
22   .55000E+00   23   .42000E+00   24   .34000E+00

 SOURCE ID = L0053669   ; SOURCE TYPE = VOLUME   :
       1   .31000E+00   2   .33000E+00   3   .49000E+00
4   .10000E+01   5   .88000E+00   6   .70000E+00
       7   .72000E+00   8   .77000E+00   9   .76000E+00
10   .84000E+00   11   .94000E+00   12   .90000E+00
      13   .84000E+00   14   .82000E+00   15   .84000E+00
16   .86000E+00   17   .83000E+00   18   .87000E+00
      19   .77000E+00   20   .71000E+00   21   .66000E+00
22   .55000E+00   23   .42000E+00   24   .34000E+00

 SOURCE ID = L0053670   ; SOURCE TYPE = VOLUME   :
       1   .31000E+00   2   .33000E+00   3   .49000E+00
4   .10000E+01   5   .88000E+00   6   .70000E+00
       7   .72000E+00   8   .77000E+00   9   .76000E+00
10   .84000E+00   11   .94000E+00   12   .90000E+00

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      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053671     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 234
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053672     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053673     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
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      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053674     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053675     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053676     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 235
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 SOURCE ID = L0053677     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053678     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053679     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053680     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053681     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
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      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 236
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053682     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053683     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053684     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
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      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053685     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053686     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                           * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053687     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00
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 SOURCE ID = L0053688     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053689     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053690     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053691     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053692     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053693     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053694     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053695     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
```

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      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053696     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 239
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053697     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053698     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00
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 SOURCE ID = L0053699     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053700     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053701     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 240
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 SOURCE ID = L0053702     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053703     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053704     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053705     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053706     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
```

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      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 241
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053707     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053708     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053709     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00
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 SOURCE ID = L0053710     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053711     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 242
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053712     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00
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 SOURCE ID = L0053713     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053714     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053715     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053716     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 243
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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                          * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053717     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053718     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053719     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053720     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00
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 SOURCE ID = L0053721     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 244
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053722     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053723     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053724     ; SOURCE TYPE = VOLUME   :
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       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053725     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053726     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 245
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053727     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
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       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053728     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053729     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053730     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053731     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.31000E+00	2	.33000E+00	3	.49000E+00	4	.10000E+01	5	.88000E+00	6	.70000E+00
7	.72000E+00	8	.77000E+00	9	.76000E+00	10	.84000E+00	11	.94000E+00	12	.90000E+00
13	.84000E+00	14	.82000E+00	15	.84000E+00	16	.86000E+00	17	.83000E+00	18	.87000E+00
19	.77000E+00	20	.71000E+00	21	.66000E+00	22	.55000E+00	23	.42000E+00	24	.34000E+00

SOURCE ID = L0053732 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.31000E+00	2	.33000E+00	3	.49000E+00	4	.10000E+01	5	.88000E+00	6	.70000E+00
7	.72000E+00	8	.77000E+00	9	.76000E+00	10	.84000E+00	11	.94000E+00	12	.90000E+00
13	.84000E+00	14	.82000E+00	15	.84000E+00	16	.86000E+00	17	.83000E+00	18	.87000E+00
19	.77000E+00	20	.71000E+00	21	.66000E+00	22	.55000E+00	23	.42000E+00	24	.34000E+00

SOURCE ID = L0053733 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.31000E+00	2	.33000E+00	3	.49000E+00	4	.10000E+01	5	.88000E+00	6	.70000E+00
7	.72000E+00	8	.77000E+00	9	.76000E+00	10	.84000E+00	11	.94000E+00	12	.90000E+00
13	.84000E+00	14	.82000E+00	15	.84000E+00	16	.86000E+00	17	.83000E+00	18	.87000E+00
19	.77000E+00	20	.71000E+00	21	.66000E+00	22	.55000E+00	23	.42000E+00	24	.34000E+00

SOURCE ID = L0053734 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.31000E+00	2	.33000E+00	3	.49000E+00	4	.10000E+01	5	.88000E+00	6	.70000E+00
7	.72000E+00	8	.77000E+00	9	.76000E+00	10	.84000E+00	11	.94000E+00	12	.90000E+00
13	.84000E+00	14	.82000E+00	15	.84000E+00	16	.86000E+00	17	.83000E+00	18	.87000E+00
19	.77000E+00	20	.71000E+00	21	.66000E+00	22	.55000E+00	23	.42000E+00	24	.34000E+00

SOURCE ID = L0053735 ; SOURCE TYPE = VOLUME :

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       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053736     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 247
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053737     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053738     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
```

```
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053739     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053740     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053741     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 248
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *
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     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053742     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053743     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053744     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053745     ; SOURCE TYPE = VOLUME   :
       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 SOURCE ID = L0053746     ; SOURCE TYPE = VOLUME   :
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       1   .31000E+00      2   .33000E+00      3   .49000E+00
4   .10000E+01      5   .88000E+00      6   .70000E+00
       7   .72000E+00      8   .77000E+00      9   .76000E+00
10   .84000E+00     11   .94000E+00     12   .90000E+00
      13   .84000E+00     14   .82000E+00     15   .84000E+00
16   .86000E+00     17   .83000E+00     18   .87000E+00
      19   .77000E+00     20   .71000E+00     21   .66000E+00
22   .55000E+00     23   .42000E+00     24   .34000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 249
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053747     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053748     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053749     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
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       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053750     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053751     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 250
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                          * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053752     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
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      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053753     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053754     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053755     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053756     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

 SOURCE ID = L0053757   ; SOURCE TYPE = VOLUME   :
       1   .12000E+00   2   .90000E-01   3   .80000E-01
4   .13000E+00   5   .24000E+00   6   .50000E+00
       7   .76000E+00   8   .84000E+00   9   .82000E+00
10   .85000E+00   11   .93000E+00   12   .95000E+00
      13   .10000E+01   14   .10000E+01   15   .96000E+00
16   .87000E+00   17   .92000E+00   18   .85000E+00
      19   .66000E+00   20   .54000E+00   21   .44000E+00
22   .36000E+00   23   .28000E+00   24   .20000E+00

 SOURCE ID = L0053758   ; SOURCE TYPE = VOLUME   :
       1   .12000E+00   2   .90000E-01   3   .80000E-01
4   .13000E+00   5   .24000E+00   6   .50000E+00
       7   .76000E+00   8   .84000E+00   9   .82000E+00
10   .85000E+00   11   .93000E+00   12   .95000E+00
      13   .10000E+01   14   .10000E+01   15   .96000E+00
16   .87000E+00   17   .92000E+00   18   .85000E+00
      19   .66000E+00   20   .54000E+00   21   .44000E+00
22   .36000E+00   23   .28000E+00   24   .20000E+00

 SOURCE ID = L0053759   ; SOURCE TYPE = VOLUME   :
       1   .12000E+00   2   .90000E-01   3   .80000E-01
4   .13000E+00   5   .24000E+00   6   .50000E+00
       7   .76000E+00   8   .84000E+00   9   .82000E+00
10   .85000E+00   11   .93000E+00   12   .95000E+00
      13   .10000E+01   14   .10000E+01   15   .96000E+00
16   .87000E+00   17   .92000E+00   18   .85000E+00
      19   .66000E+00   20   .54000E+00   21   .44000E+00
22   .36000E+00   23   .28000E+00   24   .20000E+00

 SOURCE ID = L0053760   ; SOURCE TYPE = VOLUME   :
       1   .12000E+00   2   .90000E-01   3   .80000E-01
4   .13000E+00   5   .24000E+00   6   .50000E+00

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       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053761     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 252
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053762     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053763     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
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      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053764     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053765     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053766     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 253
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
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 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053767     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053768     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053769     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053770     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053771     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
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       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 254
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053772     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053773     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053774     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
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      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053775     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053776     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 255
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053777     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
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      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053778     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053779     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053780     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053781     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR

 -

 SOURCE ID = L0053782   ; SOURCE TYPE = VOLUME   :

       1   .12000E+00   2   .90000E-01   3   .80000E-01
4   .13000E+00   5   .24000E+00   6   .50000E+00
       7   .76000E+00   8   .84000E+00   9   .82000E+00
10   .85000E+00   11   .93000E+00   12   .95000E+00
      13   .10000E+01   14   .10000E+01   15   .96000E+00
16   .87000E+00   17   .92000E+00   18   .85000E+00
      19   .66000E+00   20   .54000E+00   21   .44000E+00
22   .36000E+00   23   .28000E+00   24   .20000E+00

 SOURCE ID = L0053783   ; SOURCE TYPE = VOLUME   :

       1   .12000E+00   2   .90000E-01   3   .80000E-01
4   .13000E+00   5   .24000E+00   6   .50000E+00
       7   .76000E+00   8   .84000E+00   9   .82000E+00
10   .85000E+00   11   .93000E+00   12   .95000E+00
      13   .10000E+01   14   .10000E+01   15   .96000E+00
16   .87000E+00   17   .92000E+00   18   .85000E+00
      19   .66000E+00   20   .54000E+00   21   .44000E+00
22   .36000E+00   23   .28000E+00   24   .20000E+00

 SOURCE ID = L0053784   ; SOURCE TYPE = VOLUME   :

       1   .12000E+00   2   .90000E-01   3   .80000E-01
4   .13000E+00   5   .24000E+00   6   .50000E+00
       7   .76000E+00   8   .84000E+00   9   .82000E+00
10   .85000E+00   11   .93000E+00   12   .95000E+00
      13   .10000E+01   14   .10000E+01   15   .96000E+00
16   .87000E+00   17   .92000E+00   18   .85000E+00
      19   .66000E+00   20   .54000E+00   21   .44000E+00
22   .36000E+00   23   .28000E+00   24   .20000E+00

 SOURCE ID = L0053785   ; SOURCE TYPE = VOLUME   :

       1   .12000E+00   2   .90000E-01   3   .80000E-01
4   .13000E+00   5   .24000E+00   6   .50000E+00
       7   .76000E+00   8   .84000E+00   9   .82000E+00
10   .85000E+00   11   .93000E+00   12   .95000E+00

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      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053786     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 257
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053787     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053788     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
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      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053789     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053790     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053791     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 258
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 SOURCE ID = L0053792     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053793     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053794     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053795     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053796     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
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      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053797     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053798     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053799     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
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      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053800     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053801     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                          * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053802     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00
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 SOURCE ID = L0053803     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053804     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053805     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053806     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053807     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053808     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053809     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053810     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
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      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053811     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 262
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053812     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053813     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00
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 SOURCE ID = L0053814     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053815     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053816     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 263
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 SOURCE ID = L0053817     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053818     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053819     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053820     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053821     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
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      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 264
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053822     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053823     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053824     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00
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 SOURCE ID = L0053825     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053826     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 265
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                           * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053827     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00
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 SOURCE ID = L0053828     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053829     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053830     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053831     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 266
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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```
                          * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053832     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053833     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053834     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053835     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00
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 SOURCE ID = L0053836     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 267
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053837     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053838     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053839     ; SOURCE TYPE = VOLUME   :
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       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053840     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053841     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 268
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053842     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
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       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053843     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053844     ; SOURCE TYPE = VOLUME   :
       1   .12000E+00      2   .90000E-01      3   .80000E-01
4   .13000E+00      5   .24000E+00      6   .50000E+00
       7   .76000E+00      8   .84000E+00      9   .82000E+00
10   .85000E+00     11   .93000E+00     12   .95000E+00
      13   .10000E+01     14   .10000E+01     15   .96000E+00
16   .87000E+00     17   .92000E+00     18   .85000E+00
      19   .66000E+00     20   .54000E+00     21   .44000E+00
22   .36000E+00     23   .28000E+00     24   .20000E+00


 SOURCE ID = L0053845     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053846     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.80000E-01	2	.90000E-01	3	.16000E+00	4	.47000E+00	5	.10000E+01	6	.95000E+00
7	.95000E+00	8	.88000E+00	9	.68000E+00	10	.51000E+00	11	.46000E+00	12	.45000E+00
13	.46000E+00	14	.51000E+00	15	.51000E+00	16	.53000E+00	17	.61000E+00	18	.36000E+00
19	.24000E+00	20	.22000E+00	21	.26000E+00	22	.22000E+00	23	.14000E+00	24	.11000E+00

SOURCE ID = L0053847 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.80000E-01	2	.90000E-01	3	.16000E+00	4	.47000E+00	5	.10000E+01	6	.95000E+00
7	.95000E+00	8	.88000E+00	9	.68000E+00	10	.51000E+00	11	.46000E+00	12	.45000E+00
13	.46000E+00	14	.51000E+00	15	.51000E+00	16	.53000E+00	17	.61000E+00	18	.36000E+00
19	.24000E+00	20	.22000E+00	21	.26000E+00	22	.22000E+00	23	.14000E+00	24	.11000E+00

SOURCE ID = L0053848 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.80000E-01	2	.90000E-01	3	.16000E+00	4	.47000E+00	5	.10000E+01	6	.95000E+00
7	.95000E+00	8	.88000E+00	9	.68000E+00	10	.51000E+00	11	.46000E+00	12	.45000E+00
13	.46000E+00	14	.51000E+00	15	.51000E+00	16	.53000E+00	17	.61000E+00	18	.36000E+00
19	.24000E+00	20	.22000E+00	21	.26000E+00	22	.22000E+00	23	.14000E+00	24	.11000E+00

SOURCE ID = L0053849 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.80000E-01	2	.90000E-01	3	.16000E+00	4	.47000E+00	5	.10000E+01	6	.95000E+00
7	.95000E+00	8	.88000E+00	9	.68000E+00	10	.51000E+00	11	.46000E+00	12	.45000E+00
13	.46000E+00	14	.51000E+00	15	.51000E+00	16	.53000E+00	17	.61000E+00	18	.36000E+00
19	.24000E+00	20	.22000E+00	21	.26000E+00	22	.22000E+00	23	.14000E+00	24	.11000E+00

SOURCE ID = L0053850 ; SOURCE TYPE = VOLUME :

```
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053851     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053852     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053853     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
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```
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053854     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053855     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053856     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *
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```
     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053857     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053858     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053859     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053860     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053861     ; SOURCE TYPE = VOLUME   :
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```
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 272
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053862     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053863     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053864     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
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       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053865     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053866     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 273
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                          * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053867     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
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      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053868     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053869     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053870     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053871     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

 SOURCE ID = L0053872   ; SOURCE TYPE = VOLUME   :
       1   .80000E-01   2   .90000E-01   3   .16000E+00   4   .47000E+00   5   .10000E+01   6   .95000E+00
       7   .95000E+00   8   .88000E+00   9   .68000E+00   10   .51000E+00   11   .46000E+00   12   .45000E+00
      13   .46000E+00   14   .51000E+00   15   .51000E+00   16   .53000E+00   17   .61000E+00   18   .36000E+00
      19   .24000E+00   20   .22000E+00   21   .26000E+00   22   .22000E+00   23   .14000E+00   24   .11000E+00

 SOURCE ID = L0053873   ; SOURCE TYPE = VOLUME   :
       1   .80000E-01   2   .90000E-01   3   .16000E+00   4   .47000E+00   5   .10000E+01   6   .95000E+00
       7   .95000E+00   8   .88000E+00   9   .68000E+00   10   .51000E+00   11   .46000E+00   12   .45000E+00
      13   .46000E+00   14   .51000E+00   15   .51000E+00   16   .53000E+00   17   .61000E+00   18   .36000E+00
      19   .24000E+00   20   .22000E+00   21   .26000E+00   22   .22000E+00   23   .14000E+00   24   .11000E+00

 SOURCE ID = L0053874   ; SOURCE TYPE = VOLUME   :
       1   .80000E-01   2   .90000E-01   3   .16000E+00   4   .47000E+00   5   .10000E+01   6   .95000E+00
       7   .95000E+00   8   .88000E+00   9   .68000E+00   10   .51000E+00   11   .46000E+00   12   .45000E+00
      13   .46000E+00   14   .51000E+00   15   .51000E+00   16   .53000E+00   17   .61000E+00   18   .36000E+00
      19   .24000E+00   20   .22000E+00   21   .26000E+00   22   .22000E+00   23   .14000E+00   24   .11000E+00

 SOURCE ID = L0053875   ; SOURCE TYPE = VOLUME   :
       1   .80000E-01   2   .90000E-01   3   .16000E+00   4   .47000E+00   5   .10000E+01   6   .95000E+00

```
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053876     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 275
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053877     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053878     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
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      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053879     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053880     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053881     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 276
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
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 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053882     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053883     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053884     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053885     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053886     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
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       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 277
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053887     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053888     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053889     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
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      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053890     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053891     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 278
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053892     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
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      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053893     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053894     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053895     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053896     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -

 SOURCE ID = L0053897   ; SOURCE TYPE = VOLUME   :
       1   .80000E-01   2   .90000E-01   3   .16000E+00
4   .47000E+00   5   .10000E+01   6   .95000E+00
       7   .95000E+00   8   .88000E+00   9   .68000E+00
10   .51000E+00   11   .46000E+00   12   .45000E+00
      13   .46000E+00   14   .51000E+00   15   .51000E+00
16   .53000E+00   17   .61000E+00   18   .36000E+00
      19   .24000E+00   20   .22000E+00   21   .26000E+00
22   .22000E+00   23   .14000E+00   24   .11000E+00

 SOURCE ID = L0053898   ; SOURCE TYPE = VOLUME   :
       1   .80000E-01   2   .90000E-01   3   .16000E+00
4   .47000E+00   5   .10000E+01   6   .95000E+00
       7   .95000E+00   8   .88000E+00   9   .68000E+00
10   .51000E+00   11   .46000E+00   12   .45000E+00
      13   .46000E+00   14   .51000E+00   15   .51000E+00
16   .53000E+00   17   .61000E+00   18   .36000E+00
      19   .24000E+00   20   .22000E+00   21   .26000E+00
22   .22000E+00   23   .14000E+00   24   .11000E+00

 SOURCE ID = L0053899   ; SOURCE TYPE = VOLUME   :
       1   .80000E-01   2   .90000E-01   3   .16000E+00
4   .47000E+00   5   .10000E+01   6   .95000E+00
       7   .95000E+00   8   .88000E+00   9   .68000E+00
10   .51000E+00   11   .46000E+00   12   .45000E+00
      13   .46000E+00   14   .51000E+00   15   .51000E+00
16   .53000E+00   17   .61000E+00   18   .36000E+00
      19   .24000E+00   20   .22000E+00   21   .26000E+00
22   .22000E+00   23   .14000E+00   24   .11000E+00

 SOURCE ID = L0053900   ; SOURCE TYPE = VOLUME   :
       1   .80000E-01   2   .90000E-01   3   .16000E+00
4   .47000E+00   5   .10000E+01   6   .95000E+00
       7   .95000E+00   8   .88000E+00   9   .68000E+00
10   .51000E+00   11   .46000E+00   12   .45000E+00

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      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053901     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 280
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053902     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053903     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
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      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053904     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053905     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053906     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 281
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 SOURCE ID = L0053907     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053908     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053909     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053910     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053911     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
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      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 282
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053912     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053913     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053914     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
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      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053915     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053916     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 283
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                          * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053917     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00
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 SOURCE ID = L0053918     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053919     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053920     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053921     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 284
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053922     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053923     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053924     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053925     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
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      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053926     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 285
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053927     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053928     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00
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```
 SOURCE ID = L0053929     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053930     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053931     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 286
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                          * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 SOURCE ID = L0053932     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053933     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053934     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053935     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053936     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
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      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 287
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY
FOR EACH HOUR OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR
SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0053937     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053938     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053939     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00
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 SOURCE ID = L0053940     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 SOURCE ID = L0053941     ; SOURCE TYPE = VOLUME   :
       1   .80000E-01      2   .90000E-01      3   .16000E+00
4   .47000E+00      5   .10000E+01      6   .95000E+00
       7   .95000E+00      8   .88000E+00      9   .68000E+00
10   .51000E+00     11   .46000E+00     12   .45000E+00
      13   .46000E+00     14   .51000E+00     15   .51000E+00
16   .53000E+00     17   .61000E+00     18   .36000E+00
      19   .24000E+00     20   .22000E+00     21   .26000E+00
22   .22000E+00     23   .14000E+00     24   .11000E+00


 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 288
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

     ( 443923.0, 3747147.0,     268.5,    1224.0,       0.0);
( 443923.0, 3747172.0,     269.7,    1224.0,       0.0);
     ( 443898.0, 3747197.0,     270.7,    1224.0,       0.0);
( 443923.0, 3747197.0,     269.7,    1224.0,       0.0);
     ( 443898.0, 3747222.0,     269.9,    1224.0,       0.0);
( 443923.0, 3747222.0,     269.0,    1224.0,       0.0);
     ( 443948.0, 3747222.0,     268.1,    1224.0,       0.0);
( 443923.0, 3747247.0,     267.3,    1224.0,       0.0);
     ( 443948.0, 3747247.0,     265.3,    1224.0,       0.0);
( 443923.0, 3747272.0,     265.6,    1224.0,       0.0);
     ( 443948.0, 3747272.0,     263.1,    1224.0,       0.0);
( 443973.0, 3747272.0,     259.8,    1224.0,       0.0);
     ( 443923.0, 3747297.0,     263.7,    1224.0,       0.0);
( 443948.0, 3747297.0,     261.8,    1224.0,       0.0);
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     ( 443973.0, 3747297.0,     258.8,    1224.0,       0.0);
( 443923.0, 3747322.0,     261.5,    1224.0,       0.0);
     ( 443948.0, 3747322.0,     260.7,    1224.0,       0.0);
( 443973.0, 3747322.0,     258.6,    1224.0,       0.0);
     ( 443948.0, 3747347.0,     259.0,    1224.0,       0.0);
( 443973.0, 3747347.0,     258.2,    1224.0,       0.0);
     ( 443998.0, 3747347.0,     256.8,    1224.0,       0.0);
( 443948.0, 3747372.0,     258.2,    1224.0,       0.0);
     ( 443973.0, 3747372.0,     257.4,    1224.0,       0.0);
( 443998.0, 3747372.0,     256.4,    1224.0,       0.0);
     ( 443948.0, 3747397.0,     257.2,    1224.0,       0.0);
( 443973.0, 3747397.0,     257.1,    1224.0,       0.0);
     ( 443998.0, 3747397.0,     256.0,    1224.0,       0.0);
( 443948.0, 3747422.0,     255.3,    1224.0,       0.0);
     ( 443973.0, 3747422.0,     255.8,    1224.0,       0.0);
( 443998.0, 3747422.0,     255.4,    1224.0,       0.0);
     ( 444023.0, 3747422.0,     250.1,    1224.0,       0.0);
( 443948.0, 3747447.0,     252.4,    1224.0,       0.0);
     ( 443973.0, 3747447.0,     253.6,    1224.0,       0.0);
( 443998.0, 3747447.0,     253.2,    1224.0,       0.0);
     ( 444023.0, 3747447.0,     248.9,    1224.0,       0.0);
( 443923.0, 3747472.0,     245.3,    1224.0,       0.0);
     ( 443948.0, 3747472.0,     249.0,    1224.0,       0.0);
( 443973.0, 3747472.0,     250.8,    1224.0,       0.0);
     ( 443998.0, 3747472.0,     249.7,    1224.0,       0.0);
( 444023.0, 3747472.0,     246.7,    1224.0,       0.0);
     ( 443923.0, 3747497.0,     244.2,    1224.0,       0.0);
( 443948.0, 3747497.0,     245.9,    1224.0,       0.0);
     ( 443973.0, 3747497.0,     247.5,    1224.0,       0.0);
( 443998.0, 3747497.0,     248.0,    1224.0,       0.0);
     ( 444023.0, 3747497.0,     246.7,    1224.0,       0.0);
( 443923.0, 3747522.0,     244.1,    1224.0,       0.0);
     ( 443948.0, 3747522.0,     245.1,    1224.0,       0.0);
( 443973.0, 3747522.0,     246.7,    1224.0,       0.0);
     ( 443998.0, 3747522.0,     247.1,    1224.0,       0.0);
( 444023.0, 3747522.0,     246.6,    1224.0,       0.0);
     ( 444048.0, 3747522.0,     245.3,    1224.0,       0.0);
( 443923.0, 3747547.0,     244.0,    1224.0,       0.0);
     ( 443948.0, 3747547.0,     244.3,    1224.0,       0.0);
( 443973.0, 3747547.0,     245.9,    1224.0,       0.0);
     ( 443998.0, 3747547.0,     246.3,    1224.0,       0.0);
( 444023.0, 3747547.0,     245.9,    1224.0,       0.0);
     ( 444048.0, 3747547.0,     244.9,    1224.0,       0.0);
( 443923.0, 3747572.0,     244.0,    1224.0,       0.0);
     ( 443948.0, 3747572.0,     244.0,    1224.0,       0.0);
( 443973.0, 3747572.0,     245.6,    1224.0,       0.0);
     ( 443998.0, 3747572.0,     245.7,    1224.0,       0.0);
( 444023.0, 3747572.0,     245.0,    1224.0,       0.0);
     ( 444048.0, 3747572.0,     244.2,    1224.0,       0.0);
( 444073.0, 3747572.0,     243.5,    1224.0,       0.0);
     ( 443923.0, 3747597.0,     243.7,    1224.0,       0.0);
( 443948.0, 3747597.0,     244.0,    1224.0,       0.0);
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     ( 443973.0, 3747597.0,     245.3,    1224.0,       0.0);
( 443998.0, 3747597.0,     245.0,    1224.0,       0.0);
     ( 444023.0, 3747597.0,     244.2,    1224.0,       0.0);
( 444048.0, 3747597.0,     243.4,    1224.0,       0.0);
     ( 444073.0, 3747597.0,     242.6,    1224.0,       0.0);
( 443923.0, 3747622.0,     242.9,    1224.0,       0.0);
     ( 443948.0, 3747622.0,     243.8,    1224.0,       0.0);
( 443973.0, 3747622.0,     244.6,    1224.0,       0.0);
     ( 443998.0, 3747622.0,     244.3,    1224.0,       0.0);
( 444023.0, 3747622.0,     243.5,    1224.0,       0.0);
     ( 444048.0, 3747622.0,     242.5,    1224.0,       0.0);
( 444073.0, 3747622.0,     241.8,    1224.0,       0.0);
     ( 443923.0, 3747647.0,     242.1,    1224.0,       0.0);
( 443948.0, 3747647.0,     242.9,    1224.0,       0.0);
     ( 443973.0, 3747647.0,     243.7,    1224.0,       0.0);
( 443998.0, 3747647.0,     243.9,    1224.0,       0.0);
     ( 444023.0, 3747647.0,     243.0,    1224.0,       0.0);
( 444048.0, 3747647.0,     241.6,    1224.0,       0.0);
     ( 444073.0, 3747647.0,     240.9,    1224.0,       0.0);
( 443923.0, 3747672.0,     241.2,    1224.0,       0.0);
     ( 443948.0, 3747672.0,     241.3,    1224.0,       0.0);
( 443973.0, 3747672.0,     240.7,    1224.0,       0.0);
     ( 443998.0, 3747672.0,     240.6,    1224.0,       0.0);
( 444023.0, 3747672.0,     240.0,    1224.0,       0.0);

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 289
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

     ( 444048.0, 3747672.0,     239.1,    1224.0,       0.0);
( 444073.0, 3747672.0,     238.5,    1224.0,       0.0);
     ( 443923.0, 3747697.0,     238.1,    1224.0,       0.0);
( 443948.0, 3747697.0,     237.6,    1224.0,       0.0);
     ( 443973.0, 3747697.0,     236.7,    1224.0,       0.0);
( 443998.0, 3747697.0,     235.7,    1224.0,       0.0);
     ( 444023.0, 3747697.0,     235.6,    1224.0,       0.0);
( 444048.0, 3747697.0,     236.3,    1224.0,       0.0);
     ( 443923.0, 3747722.0,     235.7,    1224.0,       0.0);
( 443948.0, 3747722.0,     234.0,    1224.0,       0.0);
     ( 443973.0, 3747722.0,     233.5,    1224.0,       0.0);
( 443998.0, 3747722.0,     233.2,    1224.0,       0.0);
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```
     ( 444023.0, 3747722.0,     233.4,    1224.0,       0.0);
( 444048.0, 3747722.0,     234.4,    1224.0,       0.0);
     ( 443923.0, 3747747.0,     234.4,    1224.0,       0.0);
( 443948.0, 3747747.0,     232.5,    1224.0,       0.0);
     ( 443973.0, 3747747.0,     231.8,    1224.0,       0.0);
( 443998.0, 3747747.0,     232.3,    1224.0,       0.0);
     ( 444023.0, 3747747.0,     232.8,    1224.0,       0.0);
( 443898.0, 3747772.0,     233.2,    1224.0,       0.0);
     ( 443923.0, 3747772.0,     233.7,    1224.0,       0.0);
( 443948.0, 3747772.0,     232.9,    1224.0,       0.0);
     ( 443973.0, 3747772.0,     231.4,    1224.0,       0.0);
( 443998.0, 3747772.0,     231.6,    1224.0,       0.0);
     ( 443898.0, 3747797.0,     233.0,    1224.0,       0.0);
( 443923.0, 3747797.0,     232.9,    1224.0,       0.0);
     ( 443948.0, 3747797.0,     232.0,    1224.0,       0.0);
( 443973.0, 3747797.0,     231.2,    1224.0,       0.0);
     ( 443998.0, 3747797.0,     231.6,    1224.0,       0.0);
( 443873.0, 3747822.0,     231.6,    1224.0,       0.0);
     ( 443898.0, 3747822.0,     232.1,    1224.0,       0.0);
( 443923.0, 3747822.0,     231.9,    1224.0,       0.0);
     ( 443948.0, 3747822.0,     230.4,    1224.0,       0.0);
( 443973.0, 3747822.0,     229.5,    1224.0,       0.0);
     ( 443998.0, 3747822.0,     231.0,    1224.0,       0.0);
( 443873.0, 3747847.0,     231.5,    1224.0,       0.0);
     ( 443898.0, 3747847.0,     231.6,    1224.0,       0.0);
( 443923.0, 3747847.0,     230.3,    1224.0,       0.0);
     ( 443948.0, 3747847.0,     228.1,    1224.0,       0.0);
( 443973.0, 3747847.0,     224.4,    1224.0,       0.0);
     ( 443998.0, 3747847.0,     228.7,    1224.0,       0.0);
( 443848.0, 3747872.0,     231.1,    1224.0,       0.0);
     ( 443873.0, 3747872.0,     231.2,    1224.0,       0.0);
( 443898.0, 3747872.0,     231.3,    1224.0,       0.0);
     ( 443923.0, 3747872.0,     228.9,    1224.0,       0.0);
( 443948.0, 3747872.0,     224.6,    1224.0,       0.0);
     ( 443973.0, 3747872.0,     221.3,    1224.0,       0.0);
( 443998.0, 3747872.0,     227.3,    1224.0,       0.0);
     ( 443848.0, 3747897.0,     228.8,    1224.0,       0.0);
( 443873.0, 3747897.0,     228.6,    1224.0,       0.0);
     ( 443898.0, 3747897.0,     230.7,    1224.0,       0.0);
( 443923.0, 3747897.0,     229.0,    1224.0,       0.0);
     ( 443948.0, 3747897.0,     221.4,    1224.0,       0.0);
( 443973.0, 3747897.0,     220.8,    1224.0,       0.0);
     ( 443848.0, 3747922.0,     225.3,    1224.0,       0.0);
( 443873.0, 3747922.0,     224.1,    1224.0,       0.0);
     ( 443898.0, 3747922.0,     228.5,    1224.0,       0.0);
( 443923.0, 3747922.0,     228.8,    1224.0,       0.0);
     ( 443948.0, 3747922.0,     219.6,    1224.0,       0.0);
( 443973.0, 3747922.0,     221.4,    1224.0,       0.0);
     ( 443873.0, 3747947.0,     221.9,    1224.0,       0.0);
( 443898.0, 3747947.0,     222.7,    1224.0,       0.0);
     ( 443923.0, 3747947.0,     221.6,    1224.0,       0.0);
( 443948.0, 3747947.0,     219.2,    1224.0,       0.0);
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     ( 443873.0, 3747972.0,     221.1,    1224.0,       0.0);
( 443898.0, 3747972.0,     220.8,    1224.0,       0.0);
     ( 443923.0, 3747972.0,     219.5,    1224.0,       0.0);
( 443948.0, 3747972.0,     219.8,    1224.0,       0.0);
     ( 443873.0, 3747997.0,     220.4,    1224.0,       0.0);
( 443898.0, 3747997.0,     219.4,    1224.0,       0.0);
     ( 443923.0, 3747997.0,     219.1,    1224.0,       0.0);
( 443948.0, 3747997.0,     220.0,    1224.0,       0.0);
     ( 443898.0, 3748022.0,     219.0,    1224.0,       0.0);
( 443923.0, 3748022.0,     219.1,    1224.0,       0.0);
     ( 443948.0, 3748022.0,     220.0,    1224.0,       0.0);
( 443973.0, 3748022.0,     221.9,    1224.0,       0.0);
     ( 443898.0, 3748047.0,     219.0,    1224.0,       0.0);
( 443923.0, 3748047.0,     219.2,    1224.0,       0.0);
     ( 443948.0, 3748047.0,     220.3,    1224.0,       0.0);
( 443973.0, 3748047.0,     221.7,    1224.0,       0.0);
     ( 443998.0, 3748047.0,     223.0,    1224.0,       0.0);
( 443898.0, 3748072.0,     219.0,    1224.0,       0.0);
     ( 443923.0, 3748072.0,     219.2,    1224.0,       0.0);
( 443948.0, 3748072.0,     220.9,    1224.0,       0.0);
     ( 443973.0, 3748072.0,     221.8,    1224.0,       0.0);
( 443998.0, 3748072.0,     222.5,    1224.0,       0.0);
     ( 444023.0, 3748072.0,     222.8,    1224.0,       0.0);
( 443898.0, 3748097.0,     219.0,    1224.0,       0.0);
     ( 443923.0, 3748097.0,     219.3,    1224.0,       0.0);
( 443948.0, 3748097.0,     220.9,    1224.0,       0.0);

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 290
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

     ( 443973.0, 3748097.0,     221.7,    1224.0,       0.0);
( 443998.0, 3748097.0,     222.0,    1224.0,       0.0);
     ( 444023.0, 3748097.0,     222.0,    1224.0,       0.0);
( 444048.0, 3748097.0,     222.0,    1224.0,       0.0);
     ( 443898.0, 3748122.0,     219.2,    1224.0,       0.0);
( 443923.0, 3748122.0,     219.9,    1224.0,       0.0);
     ( 443948.0, 3748122.0,     220.1,    1224.0,       0.0);
( 443973.0, 3748122.0,     220.2,    1224.0,       0.0);
     ( 443998.0, 3748122.0,     220.8,    1224.0,       0.0);
( 444023.0, 3748122.0,     221.5,    1224.0,       0.0);
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     ( 444048.0, 3748122.0,     221.8,    1224.0,       0.0);
( 444073.0, 3748122.0,     220.9,    1224.0,       0.0);
     ( 443873.0, 3748147.0,     218.0,    1224.0,       0.0);
( 443898.0, 3748147.0,     218.1,    1224.0,       0.0);
     ( 443923.0, 3748147.0,     219.3,    1224.0,       0.0);
( 443948.0, 3748147.0,     219.3,    1224.0,       0.0);
     ( 443973.0, 3748147.0,     219.3,    1224.0,       0.0);
( 443998.0, 3748147.0,     220.4,    1224.0,       0.0);
     ( 444023.0, 3748147.0,     221.1,    1224.0,       0.0);
( 444048.0, 3748147.0,     221.0,    1224.0,       0.0);
     ( 444073.0, 3748147.0,     220.2,    1224.0,       0.0);
( 444098.0, 3748147.0,     219.1,    1224.0,       0.0);
     ( 443873.0, 3748172.0,     216.8,    1224.0,       0.0);
( 443898.0, 3748172.0,     216.5,    1224.0,       0.0);
     ( 443923.0, 3748172.0,     218.0,    1224.0,       0.0);
( 443948.0, 3748172.0,     218.5,    1224.0,       0.0);
     ( 443973.0, 3748172.0,     219.3,    1224.0,       0.0);
( 443998.0, 3748172.0,     220.1,    1224.0,       0.0);
     ( 444023.0, 3748172.0,     220.5,    1224.0,       0.0);
( 444048.0, 3748172.0,     220.2,    1224.0,       0.0);
     ( 444073.0, 3748172.0,     219.4,    1224.0,       0.0);
( 444098.0, 3748172.0,     218.5,    1224.0,       0.0);
     ( 444123.0, 3748172.0,     218.9,    1224.0,       0.0);
( 443848.0, 3748197.0,     215.9,    1224.0,       0.0);
     ( 443873.0, 3748197.0,     215.0,    1224.0,       0.0);
( 443898.0, 3748197.0,     214.8,    1224.0,       0.0);
     ( 443923.0, 3748197.0,     216.4,    1224.0,       0.0);
( 443948.0, 3748197.0,     217.2,    1224.0,       0.0);
     ( 443973.0, 3748197.0,     218.8,    1224.0,       0.0);
( 443998.0, 3748197.0,     219.5,    1224.0,       0.0);
     ( 444023.0, 3748197.0,     219.5,    1224.0,       0.0);
( 444048.0, 3748197.0,     219.0,    1224.0,       0.0);
     ( 444073.0, 3748197.0,     218.2,    1224.0,       0.0);
( 444098.0, 3748197.0,     218.0,    1224.0,       0.0);
     ( 444123.0, 3748197.0,     218.8,    1224.0,       0.0);
( 444148.0, 3748197.0,     220.5,    1224.0,       0.0);
     ( 443823.0, 3748222.0,     214.3,    1224.0,       0.0);
( 443848.0, 3748222.0,     212.5,    1224.0,       0.0);
     ( 443873.0, 3748222.0,     212.2,    1224.0,       0.0);
( 443898.0, 3748222.0,     213.0,    1224.0,       0.0);
     ( 443923.0, 3748222.0,     214.5,    1224.0,       0.0);
( 443948.0, 3748222.0,     215.4,    1224.0,       0.0);
     ( 443973.0, 3748222.0,     217.0,    1224.0,       0.0);
( 443998.0, 3748222.0,     218.0,    1224.0,       0.0);
     ( 444023.0, 3748222.0,     218.1,    1224.0,       0.0);
( 444048.0, 3748222.0,     217.4,    1224.0,       0.0);
     ( 444073.0, 3748222.0,     216.9,    1224.0,       0.0);
( 444098.0, 3748222.0,     217.9,    1224.0,       0.0);
     ( 444123.0, 3748222.0,     218.9,    1224.0,       0.0);
( 444148.0, 3748222.0,     221.1,    1224.0,       0.0);
     ( 443798.0, 3748247.0,     215.8,    1224.0,       0.0);
( 443823.0, 3748247.0,     211.2,    1224.0,       0.0);
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     ( 443848.0, 3748247.0,     208.7,    1224.0,       0.0);
( 443873.0, 3748247.0,     208.9,    1224.0,       0.0);
     ( 443898.0, 3748247.0,     210.5,    1224.0,       0.0);
( 443923.0, 3748247.0,     212.1,    1224.0,       0.0);
     ( 443948.0, 3748247.0,     212.9,    1224.0,       0.0);
( 443973.0, 3748247.0,     214.5,    1224.0,       0.0);
     ( 443998.0, 3748247.0,     215.6,    1224.0,       0.0);
( 444023.0, 3748247.0,     215.9,    1224.0,       0.0);
     ( 444048.0, 3748247.0,     216.0,    1224.0,       0.0);
( 444073.0, 3748247.0,     216.2,    1224.0,       0.0);
     ( 444098.0, 3748247.0,     217.9,    1224.0,       0.0);
( 444123.0, 3748247.0,     219.6,    1224.0,       0.0);
     ( 443773.0, 3748272.0,     212.1,    1224.0,       0.0);
( 443798.0, 3748272.0,     208.5,    1224.0,       0.0);
     ( 443823.0, 3748272.0,     208.3,    1224.0,       0.0);
( 443848.0, 3748272.0,     208.1,    1224.0,       0.0);
     ( 443873.0, 3748272.0,     208.1,    1224.0,       0.0);
( 443898.0, 3748272.0,     208.8,    1224.0,       0.0);
     ( 443923.0, 3748272.0,     210.5,    1224.0,       0.0);
( 443998.0, 3748272.0,     213.9,    1224.0,       0.0);
     ( 444023.0, 3748272.0,     214.3,    1224.0,       0.0);
( 444048.0, 3748272.0,     214.8,    1224.0,       0.0);
     ( 444073.0, 3748272.0,     216.3,    1224.0,       0.0);
( 444098.0, 3748272.0,     218.7,    1224.0,       0.0);
     ( 443748.0, 3748297.0,     210.5,    1224.0,       0.0);
( 443773.0, 3748297.0,     209.6,    1224.0,       0.0);
     ( 443798.0, 3748297.0,     207.1,    1224.0,       0.0);
( 443823.0, 3748297.0,     207.8,    1224.0,       0.0);

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

     ( 443848.0, 3748297.0,     208.0,    1224.0,       0.0);
( 443873.0, 3748297.0,     208.3,    1224.0,       0.0);
     ( 444023.0, 3748297.0,     212.9,    1224.0,       0.0);
( 444048.0, 3748297.0,     214.3,    1224.0,       0.0);
     ( 444073.0, 3748297.0,     217.1,    1224.0,       0.0);
( 443323.0, 3748322.0,     207.9,    1224.0,       0.0);
     ( 443348.0, 3748322.0,     207.1,    1224.0,       0.0);
( 443373.0, 3748322.0,     207.0,    1224.0,       0.0);
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     ( 443698.0, 3748322.0,     208.2,    1224.0,       0.0);
( 443723.0, 3748322.0,     208.3,    1224.0,       0.0);
     ( 443748.0, 3748322.0,     207.6,    1224.0,       0.0);
( 443773.0, 3748322.0,     207.9,    1224.0,       0.0);
     ( 443798.0, 3748322.0,     207.6,    1224.0,       0.0);
( 443823.0, 3748322.0,     207.9,    1224.0,       0.0);
     ( 443848.0, 3748322.0,     208.3,    1224.0,       0.0);
( 443998.0, 3748322.0,     209.9,    1224.0,       0.0);
     ( 444023.0, 3748322.0,     211.6,    1224.0,       0.0);
( 444048.0, 3748322.0,     214.3,    1224.0,       0.0);
     ( 444073.0, 3748322.0,     217.8,    1224.0,       0.0);
( 443323.0, 3748347.0,     207.6,    1224.0,       0.0);
     ( 443348.0, 3748347.0,     207.0,    1224.0,       0.0);
( 443373.0, 3748347.0,     206.7,    1224.0,       0.0);
     ( 443398.0, 3748347.0,     207.3,    1224.0,       0.0);
( 443698.0, 3748347.0,     206.7,    1224.0,       0.0);
     ( 443723.0, 3748347.0,     207.0,    1224.0,       0.0);
( 443748.0, 3748347.0,     207.1,    1224.0,       0.0);
     ( 443773.0, 3748347.0,     207.4,    1224.0,       0.0);
( 443798.0, 3748347.0,     208.0,    1224.0,       0.0);
     ( 443973.0, 3748347.0,     208.1,    1224.0,       0.0);
( 443998.0, 3748347.0,     208.6,    1224.0,       0.0);
     ( 444023.0, 3748347.0,     210.8,    1224.0,       0.0);
( 444048.0, 3748347.0,     214.6,    1224.0,       0.0);
     ( 443323.0, 3748372.0,     206.8,    1224.0,       0.0);
( 443348.0, 3748372.0,     206.4,    1224.0,       0.0);
     ( 443373.0, 3748372.0,     205.8,    1224.0,       0.0);
( 443398.0, 3748372.0,     206.4,    1224.0,       0.0);
     ( 443423.0, 3748372.0,     206.6,    1224.0,       0.0);
( 443648.0, 3748372.0,     204.2,    1224.0,       0.0);
     ( 443673.0, 3748372.0,     203.9,    1224.0,       0.0);
( 443698.0, 3748372.0,     204.7,    1224.0,       0.0);
     ( 443723.0, 3748372.0,     206.1,    1224.0,       0.0);
( 443748.0, 3748372.0,     207.4,    1224.0,       0.0);
     ( 443773.0, 3748372.0,     208.0,    1224.0,       0.0);
( 443973.0, 3748372.0,     207.6,    1224.0,       0.0);
     ( 443998.0, 3748372.0,     208.5,    1224.0,       0.0);
( 444023.0, 3748372.0,     210.7,    1224.0,       0.0);
     ( 443323.0, 3748397.0,     205.8,    1224.0,       0.0);
( 443348.0, 3748397.0,     203.9,    1224.0,       0.0);
     ( 443373.0, 3748397.0,     204.0,    1224.0,       0.0);
( 443398.0, 3748397.0,     205.2,    1224.0,       0.0);
     ( 443423.0, 3748397.0,     205.0,    1224.0,       0.0);
( 443448.0, 3748397.0,     204.2,    1224.0,       0.0);
     ( 443598.0, 3748397.0,     207.0,    1224.0,       0.0);
( 443623.0, 3748397.0,     208.6,    1224.0,       0.0);
     ( 443648.0, 3748397.0,     200.5,    1224.0,       0.0);
( 443673.0, 3748397.0,     199.3,    1224.0,       0.0);
     ( 443698.0, 3748397.0,     203.4,    1224.0,       0.0);
( 443723.0, 3748397.0,     206.9,    1224.0,       0.0);
     ( 443748.0, 3748397.0,     208.0,    1224.0,       0.0);
( 443948.0, 3748397.0,     207.1,    1224.0,       0.0);
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     ( 443973.0, 3748397.0,     207.0,    1224.0,       0.0);
( 443998.0, 3748397.0,     208.3,    1224.0,       0.0);
     ( 444023.0, 3748397.0,     210.4,    1224.0,       0.0);
( 443323.0, 3748422.0,     205.2,    1224.0,       0.0);
     ( 443348.0, 3748422.0,     199.2,    1224.0,       0.0);
( 443373.0, 3748422.0,     203.6,    1224.0,       0.0);
     ( 443398.0, 3748422.0,     205.0,    1224.0,       0.0);
( 443423.0, 3748422.0,     203.5,    1224.0,       0.0);
     ( 443448.0, 3748422.0,     201.2,    1224.0,       0.0);
( 443473.0, 3748422.0,     201.0,    1224.0,       0.0);
     ( 443548.0, 3748422.0,     203.6,    1224.0,       0.0);
( 443573.0, 3748422.0,     204.0,    1224.0,       0.0);
     ( 443598.0, 3748422.0,     203.5,    1224.0,       0.0);
( 443623.0, 3748422.0,     201.1,    1224.0,       0.0);
     ( 443648.0, 3748422.0,     199.2,    1224.0,       0.0);
( 443673.0, 3748422.0,     202.4,    1224.0,       0.0);
     ( 443698.0, 3748422.0,     205.5,    1224.0,       0.0);
( 443723.0, 3748422.0,     207.0,    1224.0,       0.0);
     ( 443948.0, 3748422.0,     207.0,    1224.0,       0.0);
( 443973.0, 3748422.0,     207.0,    1224.0,       0.0);
     ( 443998.0, 3748422.0,     209.8,    1224.0,       0.0);
( 443323.0, 3748447.0,     200.2,    1224.0,       0.0);
     ( 443348.0, 3748447.0,     198.1,    1224.0,       0.0);
( 443373.0, 3748447.0,     201.9,    1224.0,       0.0);
     ( 443423.0, 3748447.0,     201.2,    1224.0,       0.0);
( 443448.0, 3748447.0,     197.7,    1224.0,       0.0);
     ( 443473.0, 3748447.0,     196.7,    1224.0,       0.0);
( 443498.0, 3748447.0,     198.1,    1224.0,       0.0);
     ( 443523.0, 3748447.0,     198.1,    1224.0,       0.0);
( 443548.0, 3748447.0,     197.7,    1224.0,       0.0);

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 292
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

     ( 443573.0, 3748447.0,     198.8,    1224.0,       0.0);
( 443598.0, 3748447.0,     200.2,    1224.0,       0.0);
     ( 443623.0, 3748447.0,     199.3,    1224.0,       0.0);
( 443648.0, 3748447.0,     199.0,    1224.0,       0.0);
     ( 443673.0, 3748447.0,     205.1,    1224.0,       0.0);
( 443698.0, 3748447.0,     208.2,    1224.0,       0.0);
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     ( 443923.0, 3748447.0,     207.0,    1224.0,       0.0);
( 443948.0, 3748447.0,     207.0,    1224.0,       0.0);
     ( 443973.0, 3748447.0,     208.6,    1224.0,       0.0);
( 443298.0, 3748472.0,     197.7,    1224.0,       0.0);
     ( 443323.0, 3748472.0,     197.7,    1224.0,       0.0);
( 443348.0, 3748472.0,     202.7,    1224.0,       0.0);
     ( 443423.0, 3748472.0,     198.7,    1224.0,       0.0);
( 443448.0, 3748472.0,     195.7,    1224.0,       0.0);
     ( 443473.0, 3748472.0,     195.0,    1224.0,       0.0);
( 443498.0, 3748472.0,     195.0,    1224.0,       0.0);
     ( 443523.0, 3748472.0,     195.0,    1224.0,       0.0);
( 443548.0, 3748472.0,     196.2,    1224.0,       0.0);
     ( 443573.0, 3748472.0,     200.2,    1224.0,       0.0);
( 443598.0, 3748472.0,     203.7,    1224.0,       0.0);
     ( 443623.0, 3748472.0,     203.1,    1224.0,       0.0);
( 443648.0, 3748472.0,     204.0,    1224.0,       0.0);
     ( 443673.0, 3748472.0,     207.2,    1224.0,       0.0);
( 443898.0, 3748472.0,     207.0,    1224.0,       0.0);
     ( 443923.0, 3748472.0,     207.1,    1224.0,       0.0);
( 443948.0, 3748472.0,     208.0,    1224.0,       0.0);
     ( 443973.0, 3748472.0,     211.2,    1224.0,       0.0);
( 443298.0, 3748497.0,     197.6,    1224.0,       0.0);
     ( 443323.0, 3748497.0,     198.1,    1224.0,       0.0);
( 443348.0, 3748497.0,     203.1,    1224.0,       0.0);
     ( 443398.0, 3748497.0,     201.0,    1224.0,       0.0);
( 443423.0, 3748497.0,     197.8,    1224.0,       0.0);
     ( 443448.0, 3748497.0,     195.5,    1224.0,       0.0);
( 443473.0, 3748497.0,     195.0,    1224.0,       0.0);
     ( 443498.0, 3748497.0,     195.0,    1224.0,       0.0);
( 443523.0, 3748497.0,     195.3,    1224.0,       0.0);
     ( 443548.0, 3748497.0,     199.1,    1224.0,       0.0);
( 443573.0, 3748497.0,     202.9,    1224.0,       0.0);
     ( 443598.0, 3748497.0,     204.5,    1224.0,       0.0);
( 443623.0, 3748497.0,     204.2,    1224.0,       0.0);
     ( 443648.0, 3748497.0,     205.0,    1224.0,       0.0);
( 443898.0, 3748497.0,     207.0,    1224.0,       0.0);
     ( 443923.0, 3748497.0,     207.2,    1224.0,       0.0);
( 443948.0, 3748497.0,     209.0,    1224.0,       0.0);
     ( 443273.0, 3748522.0,     197.1,    1224.0,       0.0);
( 443298.0, 3748522.0,     197.2,    1224.0,       0.0);
     ( 443323.0, 3748522.0,     199.3,    1224.0,       0.0);
( 443398.0, 3748522.0,     199.2,    1224.0,       0.0);
     ( 443423.0, 3748522.0,     195.9,    1224.0,       0.0);
( 443448.0, 3748522.0,     195.1,    1224.0,       0.0);
     ( 443473.0, 3748522.0,     195.2,    1224.0,       0.0);
( 443498.0, 3748522.0,     195.4,    1224.0,       0.0);
     ( 443523.0, 3748522.0,     197.7,    1224.0,       0.0);
( 443548.0, 3748522.0,     204.7,    1224.0,       0.0);
     ( 443573.0, 3748522.0,     207.8,    1224.0,       0.0);
( 443598.0, 3748522.0,     206.6,    1224.0,       0.0);
     ( 443623.0, 3748522.0,     206.3,    1224.0,       0.0);
( 443648.0, 3748522.0,     207.2,    1224.0,       0.0);
```

```
     ( 443873.0, 3748522.0,     207.0,    1224.0,       0.0);
( 443898.0, 3748522.0,     207.1,    1224.0,       0.0);
     ( 443923.0, 3748522.0,     207.9,    1224.0,       0.0);
( 443273.0, 3748547.0,     195.0,    1224.0,       0.0);
     ( 443298.0, 3748547.0,     197.0,    1224.0,       0.0);
( 443323.0, 3748547.0,     201.8,    1224.0,       0.0);
     ( 443423.0, 3748547.0,     195.0,    1224.0,       0.0);
( 443448.0, 3748547.0,     195.3,    1224.0,       0.0);
     ( 443473.0, 3748547.0,     196.1,    1224.0,       0.0);
( 443498.0, 3748547.0,     197.1,    1224.0,       0.0);
     ( 443523.0, 3748547.0,     205.7,    1224.0,       0.0);
( 443548.0, 3748547.0,     207.4,    1224.0,       0.0);
     ( 443573.0, 3748547.0,     208.4,    1224.0,       0.0);
( 443598.0, 3748547.0,     209.1,    1224.0,       0.0);
     ( 443623.0, 3748547.0,     207.2,    1224.0,       0.0);
( 443648.0, 3748547.0,     208.0,    1224.0,       0.0);
     ( 443673.0, 3748547.0,     208.8,    1224.0,       0.0);
( 443848.0, 3748547.0,     207.0,    1224.0,       0.0);
     ( 443873.0, 3748547.0,     207.0,    1224.0,       0.0);
( 443898.0, 3748547.0,     207.6,    1224.0,       0.0);
     ( 443923.0, 3748547.0,     209.5,    1224.0,       0.0);
( 443248.0, 3748572.0,     197.7,    1224.0,       0.0);
     ( 443273.0, 3748572.0,     195.5,    1224.0,       0.0);
( 443298.0, 3748572.0,     196.5,    1224.0,       0.0);
     ( 443323.0, 3748572.0,     200.4,    1224.0,       0.0);
( 443423.0, 3748572.0,     195.0,    1224.0,       0.0);
     ( 443448.0, 3748572.0,     195.0,    1224.0,       0.0);
( 443473.0, 3748572.0,     196.0,    1224.0,       0.0);
     ( 443498.0, 3748572.0,     201.9,    1224.0,       0.0);
( 443523.0, 3748572.0,     206.1,    1224.0,       0.0);
     ( 443548.0, 3748572.0,     208.1,    1224.0,       0.0);
( 443573.0, 3748572.0,     208.9,    1224.0,       0.0);

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

     ( 443598.0, 3748572.0,     209.0,    1224.0,       0.0);
( 443623.0, 3748572.0,     208.7,    1224.0,       0.0);
     ( 443648.0, 3748572.0,     208.9,    1224.0,       0.0);
( 443673.0, 3748572.0,     208.3,    1224.0,       0.0);
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```
     ( 443698.0, 3748572.0,     208.1,    1224.0,       0.0);
( 443823.0, 3748572.0,     206.1,    1224.0,       0.0);
     ( 443848.0, 3748572.0,     206.7,    1224.0,       0.0);
( 443873.0, 3748572.0,     207.4,    1224.0,       0.0);
     ( 443898.0, 3748572.0,     208.7,    1224.0,       0.0);
( 443248.0, 3748597.0,     196.6,    1224.0,       0.0);
     ( 443273.0, 3748597.0,     195.6,    1224.0,       0.0);
( 443298.0, 3748597.0,     196.0,    1224.0,       0.0);
     ( 443398.0, 3748597.0,     195.2,    1224.0,       0.0);
( 443423.0, 3748597.0,     195.0,    1224.0,       0.0);
     ( 443448.0, 3748597.0,     196.0,    1224.0,       0.0);
( 443473.0, 3748597.0,     199.1,    1224.0,       0.0);
     ( 443498.0, 3748597.0,     203.5,    1224.0,       0.0);
( 443573.0, 3748597.0,     207.6,    1224.0,       0.0);
     ( 443598.0, 3748597.0,     207.6,    1224.0,       0.0);
( 443623.0, 3748597.0,     207.6,    1224.0,       0.0);
     ( 443648.0, 3748597.0,     207.6,    1224.0,       0.0);
( 443673.0, 3748597.0,     207.4,    1224.0,       0.0);
     ( 443698.0, 3748597.0,     206.4,    1224.0,       0.0);
( 443723.0, 3748597.0,     205.0,    1224.0,       0.0);
     ( 443798.0, 3748597.0,     204.6,    1224.0,       0.0);
( 443823.0, 3748597.0,     205.7,    1224.0,       0.0);
     ( 443848.0, 3748597.0,     207.1,    1224.0,       0.0);
( 443873.0, 3748597.0,     208.2,    1224.0,       0.0);
     ( 443223.0, 3748622.0,     195.1,    1224.0,       0.0);
( 443248.0, 3748622.0,     194.9,    1224.0,       0.0);
     ( 443273.0, 3748622.0,     195.2,    1224.0,       0.0);
( 443298.0, 3748622.0,     195.9,    1224.0,       0.0);
     ( 443398.0, 3748622.0,     195.0,    1224.0,       0.0);
( 443423.0, 3748622.0,     195.0,    1224.0,       0.0);
     ( 443448.0, 3748622.0,     196.7,    1224.0,       0.0);
( 443473.0, 3748622.0,     201.4,    1224.0,       0.0);
     ( 443598.0, 3748622.0,     205.4,    1224.0,       0.0);
( 443623.0, 3748622.0,     205.4,    1224.0,       0.0);
     ( 443648.0, 3748622.0,     205.4,    1224.0,       0.0);
( 443673.0, 3748622.0,     205.0,    1224.0,       0.0);
     ( 443698.0, 3748622.0,     203.6,    1224.0,       0.0);
( 443723.0, 3748622.0,     202.5,    1224.0,       0.0);
     ( 443748.0, 3748622.0,     201.9,    1224.0,       0.0);
( 443773.0, 3748622.0,     202.1,    1224.0,       0.0);
     ( 443798.0, 3748622.0,     202.9,    1224.0,       0.0);
( 443823.0, 3748622.0,     205.8,    1224.0,       0.0);
     ( 443848.0, 3748622.0,     207.4,    1224.0,       0.0);
( 443223.0, 3748647.0,     192.9,    1224.0,       0.0);
     ( 443248.0, 3748647.0,     193.8,    1224.0,       0.0);
( 443273.0, 3748647.0,     194.9,    1224.0,       0.0);
     ( 443373.0, 3748647.0,     194.9,    1224.0,       0.0);
( 443398.0, 3748647.0,     195.0,    1224.0,       0.0);
     ( 443423.0, 3748647.0,     196.0,    1224.0,       0.0);
( 443448.0, 3748647.0,     198.5,    1224.0,       0.0);
     ( 443623.0, 3748647.0,     203.2,    1224.0,       0.0);
( 443648.0, 3748647.0,     202.9,    1224.0,       0.0);
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     ( 443673.0, 3748647.0,     202.4,    1224.0,       0.0);
( 443698.0, 3748647.0,     201.5,    1224.0,       0.0);
     ( 443723.0, 3748647.0,     201.0,    1224.0,       0.0);
( 443748.0, 3748647.0,     201.1,    1224.0,       0.0);
     ( 443773.0, 3748647.0,     201.5,    1224.0,       0.0);
( 443798.0, 3748647.0,     202.7,    1224.0,       0.0);
     ( 443823.0, 3748647.0,     206.1,    1224.0,       0.0);
( 443198.0, 3748672.0,     189.3,    1224.0,       0.0);
     ( 443223.0, 3748672.0,     190.9,    1224.0,       0.0);
( 443248.0, 3748672.0,     193.5,    1224.0,       0.0);
     ( 443273.0, 3748672.0,     194.7,    1224.0,       0.0);
( 443348.0, 3748672.0,     193.7,    1224.0,       0.0);
     ( 443373.0, 3748672.0,     194.9,    1224.0,       0.0);
( 443398.0, 3748672.0,     195.7,    1224.0,       0.0);
     ( 443423.0, 3748672.0,     198.4,    1224.0,       0.0);
( 443573.0, 3748672.0,     201.2,    1224.0,       0.0);
     ( 443598.0, 3748672.0,     201.5,    1224.0,       0.0);
( 443623.0, 3748672.0,     201.5,    1224.0,       0.0);
     ( 443648.0, 3748672.0,     201.0,    1224.0,       0.0);
( 443673.0, 3748672.0,     201.0,    1224.0,       0.0);
     ( 443698.0, 3748672.0,     201.0,    1224.0,       0.0);
( 443723.0, 3748672.0,     201.1,    1224.0,       0.0);
     ( 443748.0, 3748672.0,     201.5,    1224.0,       0.0);
( 443773.0, 3748672.0,     202.5,    1224.0,       0.0);
     ( 443798.0, 3748672.0,     204.5,    1224.0,       0.0);
( 443198.0, 3748697.0,     189.9,    1224.0,       0.0);
     ( 443223.0, 3748697.0,     192.4,    1224.0,       0.0);
( 443248.0, 3748697.0,     193.7,    1224.0,       0.0);
     ( 443348.0, 3748697.0,     192.9,    1224.0,       0.0);
( 443373.0, 3748697.0,     195.4,    1224.0,       0.0);
     ( 443398.0, 3748697.0,     198.4,    1224.0,       0.0);
( 443523.0, 3748697.0,     197.4,    1224.0,       0.0);
     ( 443548.0, 3748697.0,     196.9,    1224.0,       0.0);
( 443573.0, 3748697.0,     197.9,    1224.0,       0.0);

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 294
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

     ( 443598.0, 3748697.0,     199.3,    1224.0,       0.0);
( 443623.0, 3748697.0,     200.1,    1224.0,       0.0);
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```
     ( 443648.0, 3748697.0,     201.0,    1224.0,       0.0);
( 443673.0, 3748697.0,     201.0,    1224.0,       0.0);
     ( 443698.0, 3748697.0,     201.0,    1224.0,       0.0);
( 443723.0, 3748697.0,     201.5,    1224.0,       0.0);
     ( 443748.0, 3748697.0,     202.4,    1224.0,       0.0);
( 443773.0, 3748697.0,     203.6,    1224.0,       0.0);
     ( 443173.0, 3748722.0,     189.0,    1224.0,       0.0);
( 443198.0, 3748722.0,     189.1,    1224.0,       0.0);
     ( 443223.0, 3748722.0,     193.5,    1224.0,       0.0);
( 443248.0, 3748722.0,     195.3,    1224.0,       0.0);
     ( 443323.0, 3748722.0,     189.7,    1224.0,       0.0);
( 443348.0, 3748722.0,     193.7,    1224.0,       0.0);
     ( 443373.0, 3748722.0,     195.6,    1224.0,       0.0);
( 443473.0, 3748722.0,     195.3,    1224.0,       0.0);
     ( 443498.0, 3748722.0,     196.4,    1224.0,       0.0);
( 443523.0, 3748722.0,     195.5,    1224.0,       0.0);
     ( 443548.0, 3748722.0,     195.3,    1224.0,       0.0);
( 443573.0, 3748722.0,     196.6,    1224.0,       0.0);
     ( 443598.0, 3748722.0,     198.7,    1224.0,       0.0);
( 443623.0, 3748722.0,     200.1,    1224.0,       0.0);
     ( 443648.0, 3748722.0,     201.0,    1224.0,       0.0);
( 443673.0, 3748722.0,     201.0,    1224.0,       0.0);
     ( 443698.0, 3748722.0,     201.0,    1224.0,       0.0);
( 443723.0, 3748722.0,     202.2,    1224.0,       0.0);
     ( 443748.0, 3748722.0,     204.5,    1224.0,       0.0);
( 443173.0, 3748747.0,     189.2,    1224.0,       0.0);
     ( 443198.0, 3748747.0,     190.3,    1224.0,       0.0);
( 443223.0, 3748747.0,     195.7,    1224.0,       0.0);
     ( 443298.0, 3748747.0,     189.7,    1224.0,       0.0);
( 443323.0, 3748747.0,     189.5,    1224.0,       0.0);
     ( 443348.0, 3748747.0,     193.1,    1224.0,       0.0);
( 443448.0, 3748747.0,     194.4,    1224.0,       0.0);
     ( 443473.0, 3748747.0,     194.8,    1224.0,       0.0);
( 443498.0, 3748747.0,     195.3,    1224.0,       0.0);
     ( 443523.0, 3748747.0,     196.2,    1224.0,       0.0);
( 443548.0, 3748747.0,     196.8,    1224.0,       0.0);
     ( 443573.0, 3748747.0,     198.1,    1224.0,       0.0);
( 443598.0, 3748747.0,     199.8,    1224.0,       0.0);
     ( 443623.0, 3748747.0,     200.8,    1224.0,       0.0);
( 443648.0, 3748747.0,     201.7,    1224.0,       0.0);
     ( 443673.0, 3748747.0,     201.7,    1224.0,       0.0);
( 443698.0, 3748747.0,     202.1,    1224.0,       0.0);
     ( 443723.0, 3748747.0,     203.4,    1224.0,       0.0);
( 443148.0, 3748772.0,     188.3,    1224.0,       0.0);
     ( 443173.0, 3748772.0,     189.6,    1224.0,       0.0);
( 443198.0, 3748772.0,     193.4,    1224.0,       0.0);
     ( 443223.0, 3748772.0,     195.4,    1224.0,       0.0);
( 443298.0, 3748772.0,     189.3,    1224.0,       0.0);
     ( 443323.0, 3748772.0,     189.3,    1224.0,       0.0);
( 443398.0, 3748772.0,     193.6,    1224.0,       0.0);
     ( 443423.0, 3748772.0,     194.2,    1224.0,       0.0);
( 443448.0, 3748772.0,     194.8,    1224.0,       0.0);
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     ( 443473.0, 3748772.0,     195.7,    1224.0,       0.0);
( 443498.0, 3748772.0,     196.5,    1224.0,       0.0);
     ( 443523.0, 3748772.0,     198.2,    1224.0,       0.0);
( 443548.0, 3748772.0,     199.2,    1224.0,       0.0);
     ( 443573.0, 3748772.0,     200.2,    1224.0,       0.0);
( 443598.0, 3748772.0,     201.3,    1224.0,       0.0);
     ( 443623.0, 3748772.0,     202.1,    1224.0,       0.0);
( 443648.0, 3748772.0,     202.5,    1224.0,       0.0);
     ( 443123.0, 3748797.0,     188.2,    1224.0,       0.0);
( 443148.0, 3748797.0,     188.8,    1224.0,       0.0);
     ( 443173.0, 3748797.0,     190.3,    1224.0,       0.0);
( 443198.0, 3748797.0,     194.0,    1224.0,       0.0);
     ( 443223.0, 3748797.0,     192.6,    1224.0,       0.0);
( 443248.0, 3748797.0,     190.2,    1224.0,       0.0);
     ( 443273.0, 3748797.0,     189.0,    1224.0,       0.0);
( 443298.0, 3748797.0,     189.0,    1224.0,       0.0);
     ( 443373.0, 3748797.0,     191.5,    1224.0,       0.0);
( 443398.0, 3748797.0,     193.5,    1224.0,       0.0);
     ( 443423.0, 3748797.0,     195.0,    1224.0,       0.0);
( 443448.0, 3748797.0,     196.1,    1224.0,       0.0);
     ( 443473.0, 3748797.0,     197.3,    1224.0,       0.0);
( 443498.0, 3748797.0,     199.0,    1224.0,       0.0);
     ( 443523.0, 3748797.0,     200.4,    1224.0,       0.0);
( 443548.0, 3748797.0,     201.1,    1224.0,       0.0);
     ( 443573.0, 3748797.0,     201.7,    1224.0,       0.0);
( 443098.0, 3748822.0,     188.3,    1224.0,       0.0);
     ( 443123.0, 3748822.0,     188.5,    1224.0,       0.0);
( 443148.0, 3748822.0,     189.6,    1224.0,       0.0);
     ( 443173.0, 3748822.0,     190.6,    1224.0,       0.0);
( 443198.0, 3748822.0,     190.6,    1224.0,       0.0);
     ( 443223.0, 3748822.0,     189.2,    1224.0,       0.0);
( 443248.0, 3748822.0,     188.9,    1224.0,       0.0);
     ( 443273.0, 3748822.0,     189.1,    1224.0,       0.0);
( 443298.0, 3748822.0,     189.2,    1224.0,       0.0);
     ( 443323.0, 3748822.0,     189.4,    1224.0,       0.0);
( 443348.0, 3748822.0,     189.8,    1224.0,       0.0);

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 295
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

```
     ( 443373.0, 3748822.0,     192.0,    1224.0,       0.0);
( 443398.0, 3748822.0,     194.3,    1224.0,       0.0);
     ( 443423.0, 3748822.0,     196.2,    1224.0,       0.0);
( 443448.0, 3748822.0,     197.7,    1224.0,       0.0);
     ( 443473.0, 3748822.0,     199.2,    1224.0,       0.0);
( 443073.0, 3748847.0,     188.2,    1224.0,       0.0);
     ( 443098.0, 3748847.0,     188.0,    1224.0,       0.0);
( 443123.0, 3748847.0,     188.9,    1224.0,       0.0);
     ( 443148.0, 3748847.0,     189.7,    1224.0,       0.0);
( 443273.0, 3748847.0,     189.4,    1224.0,       0.0);
     ( 443298.0, 3748847.0,     190.3,    1224.0,       0.0);
( 443323.0, 3748847.0,     191.3,    1224.0,       0.0);
     ( 443348.0, 3748847.0,     193.0,    1224.0,       0.0);
( 443373.0, 3748847.0,     194.6,    1224.0,       0.0);
     ( 443398.0, 3748847.0,     196.2,    1224.0,       0.0);
( 443073.0, 3748872.0,     186.3,    1224.0,       0.0);
     ( 443098.0, 3748872.0,     186.8,    1224.0,       0.0);
( 443123.0, 3748872.0,     188.1,    1224.0,       0.0);
     ( 443273.0, 3748872.0,     189.0,    1224.0,       0.0);
( 443298.0, 3748872.0,     190.5,    1224.0,       0.0);
     ( 443323.0, 3748872.0,     192.2,    1224.0,       0.0);
( 443348.0, 3748872.0,     194.6,    1224.0,       0.0);
     ( 443048.0, 3748897.0,     185.3,    1224.0,       0.0);
( 443073.0, 3748897.0,     185.9,    1224.0,       0.0);
     ( 443098.0, 3748897.0,     186.6,    1224.0,       0.0);
( 443123.0, 3748897.0,     187.3,    1224.0,       0.0);
     ( 443298.0, 3748897.0,     191.5,    1224.0,       0.0);
( 443323.0, 3748897.0,     193.7,    1224.0,       0.0);
     ( 443028.8, 3748928.8,     184.0,    1224.0,       0.0);
( 443048.0, 3748922.0,     184.0,    1224.0,       0.0);
     ( 443073.0, 3748922.0,     185.2,    1224.0,       0.0);
( 443098.0, 3748922.0,     185.8,    1224.0,       0.0);
     ( 443123.0, 3748922.0,     185.9,    1224.0,       0.0);
( 443148.0, 3748922.0,     185.8,    1224.0,       0.0);
     ( 443173.0, 3748922.0,     185.6,    1224.0,       0.0);
( 443003.5, 3748951.0,     183.0,    1224.0,       0.0);
     ( 443023.0, 3748947.0,     183.2,    1224.0,       0.0);
( 443048.0, 3748947.0,     183.0,    1224.0,       0.0);
     ( 443073.0, 3748947.0,     184.3,    1224.0,       0.0);
( 443098.0, 3748947.0,     184.6,    1224.0,       0.0);
     ( 443123.0, 3748947.0,     184.8,    1224.0,       0.0);
( 443148.0, 3748947.0,     185.2,    1224.0,       0.0);
     ( 443173.0, 3748947.0,     186.0,    1224.0,       0.0);
( 442977.3, 3748975.7,     182.0,    1224.0,       0.0);
     ( 442998.0, 3748972.0,     181.8,    1224.0,       0.0);
( 443023.0, 3748972.0,     181.9,    1224.0,       0.0);
     ( 443048.0, 3748972.0,     182.8,    1224.0,       0.0);
( 443073.0, 3748972.0,     183.6,    1224.0,       0.0);
     ( 443098.0, 3748972.0,     184.1,    1224.0,       0.0);
( 443123.0, 3748972.0,     184.8,    1224.0,       0.0);
     ( 443148.0, 3748972.0,     186.2,    1224.0,       0.0);
( 443173.0, 3748972.0,     187.8,    1224.0,       0.0);
```

```
     ( 442948.0, 3748997.0,     181.4,    1224.0,       0.0);
( 442973.0, 3748997.0,     181.0,    1224.0,       0.0);
     ( 442998.0, 3748997.0,     181.0,    1224.0,       0.0);
( 443023.0, 3748997.0,     181.2,    1224.0,       0.0);
     ( 443048.0, 3748997.0,     182.0,    1224.0,       0.0);
( 443073.0, 3748997.0,     182.8,    1224.0,       0.0);
     ( 443098.0, 3748997.0,     184.3,    1224.0,       0.0);
( 443123.0, 3748997.0,     186.4,    1224.0,       0.0);
     ( 443148.0, 3748997.0,     188.6,    1224.0,       0.0);
( 442923.0, 3749022.0,     181.4,    1224.0,       0.0);
     ( 442948.0, 3749022.0,     181.1,    1224.0,       0.0);
( 442973.0, 3749022.0,     181.4,    1224.0,       0.0);
     ( 442998.0, 3749022.0,     181.9,    1224.0,       0.0);
( 443023.0, 3749022.0,     182.0,    1224.0,       0.0);
     ( 443048.0, 3749022.0,     182.8,    1224.0,       0.0);
( 443073.0, 3749022.0,     183.7,    1224.0,       0.0);
     ( 443102.3, 3749028.5,     187.2,    1224.0,       0.0);
( 443118.0, 3749011.9,     187.1,    1224.0,       0.0);
     ( 442918.4, 3749057.2,     181.0,    1224.0,       0.0);
( 442947.0, 3749054.1,     181.0,    1224.0,       0.0);
     ( 442973.0, 3749047.0,     181.5,    1224.0,       0.0);
( 442998.0, 3749047.0,     182.0,    1224.0,       0.0);
     ( 443019.0, 3749057.2,     182.0,    1224.0,       0.0);
( 443043.7, 3749053.2,     183.5,    1224.0,       0.0);
     ( 443073.0, 3749047.0,     185.0,    1224.0,       0.0);
( 442904.7, 3749080.3,     181.2,    1224.0,       0.0);
     ( 442925.7, 3749077.6,     181.6,    1224.0,       0.0);
( 442948.0, 3749072.0,     181.5,    1224.0,       0.0);
     ( 442972.7, 3749065.0,     181.7,    1224.0,       0.0);
( 443321.4, 3748281.8,     208.7,    1224.0,       0.0);
     ( 443345.7, 3748282.9,     207.2,    1224.0,       0.0);
( 443372.2, 3748295.6,     207.0,    1224.0,       0.0);
     ( 443398.6, 3748321.0,     208.0,    1224.0,       0.0);
( 443920.4, 3747346.8,     259.9,    1224.0,       0.0);
     ( 443920.9, 3747371.7,     258.3,    1224.0,       0.0);
( 443923.7, 3747395.2,     256.3,    1224.0,       0.0);
     ( 443922.3, 3747421.0,     254.2,    1224.0,       0.0);
( 443923.2, 3747444.0,     251.2,    1224.0,       0.0);

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 296
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***

(1=YES; 0=NO)

```
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1
1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1
1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1
1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1
1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1
1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1
1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1
1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54,   3.09,   5.14,   8.23, 10.80,

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: ..\RiversideAirportADJU\KRAL_V9_ADJU\KRAL_v9.SFC Met Version: 16216
Profile file: ..\RiversideAirportADJU\KRAL_V9_ADJU\KRAL_v9.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-25.6	0.266	-9.000	-9.000	-999.	330.	77.9	0.15	2.40	1.00	2.93	55.	10.1	288.1	2.0
12	01	01	1	02	-26.8	0.277	-9.000	-9.000	-999.	351.	84.7	0.15	2.40	1.00	3.05	55.	10.1	287.0	2.0
12	01	01	1	03	-21.5	0.221	-9.000	-9.000	-999.	250.	53.5	0.15	2.40	1.00	2.45	74.	10.1	284.2	2.0
12	01	01	1	04	-22.0	0.227	-9.000	-9.000	-999.	260.	56.8	0.15	2.40	1.00	2.52	77.	10.1	285.9	2.0
12	01	01	1	05	-20.0	0.206	-9.000	-9.000	-999.	225.	46.8	0.15	2.40	1.00	2.30	80.	10.1	285.4	2.0
12	01	01	1	06	-14.4	0.171	-9.000	-9.000	-999.	170.	32.1	0.15	2.40	1.00	1.93	79.	10.1	287.0	2.0
12	01	01	1	07	-14.9	0.174	-9.000	-9.000	-999.	174.	33.2	0.15	2.40	1.00	1.96	77.	10.1	284.2	2.0
12	01	01	1	08	-11.9	0.169	-9.000	-9.000	-999.	167.	36.1	0.15	2.40	0.53	1.89	77.	10.1	288.1	2.0
12	01	01	1	09	40.4	0.234	0.359	0.006	40.	272.	-28.1	0.15	2.40	0.31	2.10	81.	10.1	289.2	2.0
12	01	01	1	10	112.6	0.246	0.742	0.005	129.	293.	-11.8	0.15	2.40	0.24	1.99	101.	10.1	296.4	2.0
12	01	01	1	11	161.0	0.402	1.188	0.005	369.	611.	-35.6	0.15	2.40	0.21	3.68	78.	10.1	298.8	2.0
12	01	01	1	12	184.7	0.337	1.516	0.005	668.	473.	-18.4	0.15	2.40	0.20	2.89	68.	10.1	300.4	2.0
12	01	01	1	13	183.9	0.310	1.809	0.005	1139.	414.	-14.2	0.15	2.40	0.20	2.57	64.	10.1	302.5	2.0
12	01	01	1	14	156.6	0.374	1.852	0.005	1434.	549.	-29.5	0.15	2.40	0.22	3.37	63.	10.1	303.1	2.0
12	01	01	1	15	104.3	0.382	1.658	0.005	1546.	567.	-47.2	0.15	2.40	0.25	3.59	62.	10.1	302.5	2.0

```
 12 01 01   1 16   31.8  0.374  1.123  0.005 1573.  550.   -145.8
0.15   2.40   0.34    3.76   69.   10.1  300.9    2.0
 12 01 01   1 17  -23.3  0.276 -9.000 -9.000 -999.  354.     84.0
0.15   2.40   0.62    3.03   59.   10.1  297.5    2.0
 12 01 01   1 18  -21.5  0.229 -9.000 -9.000 -999.  264.     57.8
0.15   2.40   1.00    2.54   54.   10.1  295.4    2.0
 12 01 01   1 19  -19.3  0.204 -9.000 -9.000 -999.  221.     45.6
0.15   2.40   1.00    2.27   79.   10.1  292.0    2.0
 12 01 01   1 20  -20.7  0.218 -9.000 -9.000 -999.  244.     52.2
0.15   2.40   1.00    2.42   79.   10.1  292.5    2.0
 12 01 01   1 21  -19.7  0.206 -9.000 -9.000 -999.  225.     46.9
0.15   2.40   1.00    2.30   95.   10.1  290.9    2.0
 12 01 01   1 22  -17.6  0.190 -9.000 -9.000 -999.  199.     39.8
0.15   2.40   1.00    2.13   78.   10.1  290.4    2.0
 12 01 01   1 23  -20.3  0.211 -9.000 -9.000 -999.  233.     49.0
0.15   2.40   1.00    2.35   52.   10.1  289.2    2.0
 12 01 01   1 24  -16.4  0.183 -9.000 -9.000 -999.  189.     37.0
0.15   2.40   1.00    2.06   75.   10.1  288.8    2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01   10.1 1   55.    2.93   288.2   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 299
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91E14  ***
                                  INCLUDING SOURCE(S):
L0052932    , L0052933    , L0052934    , L0052935    , L0052936    ,
               L0052937    , L0052938    , L0052939    ,
L0052940    , L0052941    , L0052942    , L0052943    , L0052944    ,
               L0052945    , L0052946    , L0052947    ,
L0052948    , L0052949    , L0052950    , L0052951    , L0052952    ,
               L0052953    , L0052954    , L0052955    ,
L0052956    , L0052957    , L0052958    , L0052959    ,  . . .      ,

                                              *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                            ** CONC OF UNITEMIS IN
MICROGRAMS/M**3                              **
```

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
443922.97	3747147.03	0.06174	443922.97	3747172.03	0.06229
443897.97	3747197.03	0.06326	443922.97	3747197.03	0.06340
443897.97	3747222.03	0.06483	443922.97	3747222.03	0.06494
443947.97	3747222.03	0.06515	443922.97	3747247.03	0.06705
443947.97	3747247.03	0.06791	443922.97	3747272.03	0.06935
443947.97	3747272.03	0.07066	443972.97	3747272.03	0.07279
443922.97	3747297.03	0.07195	443947.97	3747297.03	0.07300
443972.97	3747297.03	0.07505	443922.97	3747322.03	0.07493
443947.97	3747322.03	0.07529	443972.97	3747322.03	0.07675
443947.97	3747347.03	0.07817	443972.97	3747347.03	0.07865
443997.97	3747347.03	0.07972	443947.97	3747372.03	0.08057
443972.97	3747372.03	0.08105	443997.97	3747372.03	0.08169
443947.97	3747397.03	0.08313	443972.97	3747397.03	0.08304
443997.97	3747397.03	0.08391	443947.97	3747422.03	0.08685
443972.97	3747422.03	0.08608	443997.97	3747422.03	0.08632
444022.97	3747422.03	0.09229	443947.97	3747447.03	0.09206
443972.97	3747447.03	0.09039	443997.97	3747447.03	0.09057
444022.97	3747447.03	0.09591	443922.97	3747472.03	0.10452
443947.97	3747472.03	0.09865	443972.97	3747472.03	0.09592
443997.97	3747472.03	0.09706	444022.97	3747472.03	0.10113
443922.97	3747497.03	0.10873	443947.97	3747497.03	0.10566
443972.97	3747497.03	0.10273	443997.97	3747497.03	0.10179
444022.97	3747497.03	0.10352	443922.97	3747522.03	0.11142
443947.97	3747522.03	0.10942	443972.97	3747522.03	0.10639

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         443997.97    3747522.03        0.10540
444022.97    3747522.03        0.10602
         444047.97    3747522.03        0.10774
443922.97    3747547.03        0.11421
         443947.97    3747547.03        0.11338
443972.97    3747547.03        0.11027
         443997.97    3747547.03        0.10921
444022.97    3747547.03        0.10964
         444047.97    3747547.03        0.11090
443922.97    3747572.03        0.11701
         443947.97    3747572.03        0.11661
443972.97    3747572.03        0.11340
         443997.97    3747572.03        0.11286
444022.97    3747572.03        0.11365
         444047.97    3747572.03        0.11480
444072.97    3747572.03        0.11579
         443922.97    3747597.03        0.12047
443947.97    3747597.03        0.11947
         443972.97    3747597.03        0.11664
443997.97    3747597.03        0.11672
         444022.97    3747597.03        0.11788
444047.97    3747597.03        0.11909
         444072.97    3747597.03        0.12010
443922.97    3747622.03        0.12496
         443947.97    3747622.03        0.12283
443972.97    3747622.03        0.12078
         443997.97    3747622.03        0.12089
444022.97    3747622.03        0.12213
         444047.97    3747622.03        0.12359
444072.97    3747622.03        0.12466
         443922.97    3747647.03        0.12985
443947.97    3747647.03        0.12767

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 300
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91E14  ***
                                    INCLUDING SOURCE(S):
L0052932    , L0052933    , L0052934    , L0052935    , L0052936    ,
                L0052937    , L0052938    , L0052939    ,
L0052940    , L0052941    , L0052942    , L0052943    , L0052944    ,
                L0052945    , L0052946    , L0052947    ,
L0052948    , L0052949    , L0052950    , L0052951    , L0052952    ,
                L0052953    , L0052954    , L0052955    ,
L0052956    , L0052957    , L0052958    , L0052959    ,  . . .      ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF UNITEMIS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
443972.97	3747647.03	0.12557	443997.97	3747647.03	0.12469
444022.97	3747647.03	0.12604	444047.97	3747647.03	0.12846
444072.97	3747647.03	0.12954	443922.97	3747672.03	0.13527
443947.97	3747672.03	0.13446	443972.97	3747672.03	0.13520
443997.97	3747672.03	0.13505	444022.97	3747672.03	0.13571
444047.97	3747672.03	0.13733	444072.97	3747672.03	0.13828
443922.97	3747697.03	0.14615	443947.97	3747697.03	0.14705
443972.97	3747697.03	0.14860	443997.97	3747697.03	0.15086
444022.97	3747697.03	0.15040	444047.97	3747697.03	0.14790
443922.97	3747722.03	0.15671	443947.97	3747722.03	0.16098
443972.97	3747722.03	0.16169	443997.97	3747722.03	0.16207
444022.97	3747722.03	0.16062	444047.97	3747722.03	0.15716
443922.97	3747747.03	0.16492	443947.97	3747747.03	0.17007
443972.97	3747747.03	0.17148	443997.97	3747747.03	0.16923
444022.97	3747747.03	0.16680	443897.97	3747772.03	0.17391
443922.97	3747772.03	0.17163	443947.97	3747772.03	0.17354
443972.97	3747772.03	0.17754	443997.97	3747772.03	0.17596
443897.97	3747797.03	0.17973	443922.97	3747797.03	0.17927
443947.97	3747797.03	0.18133	443972.97	3747797.03	0.18333
443997.97	3747797.03	0.18093	443872.97	3747822.03	0.19078
443897.97	3747822.03	0.18785	443922.97	3747822.03	0.18770

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         443947.97    3747822.03        0.19240
443972.97    3747822.03        0.19474
         443997.97    3747822.03        0.18836
443872.97    3747847.03        0.19698
         443897.97    3747847.03        0.19536
443922.97    3747847.03        0.19937
         443947.97    3747847.03        0.20725
443972.97    3747847.03        0.22194
         443997.97    3747847.03        0.20247
443847.97    3747872.03        0.20558
         443872.97    3747872.03        0.20408
443897.97    3747872.03        0.20252
         443922.97    3747872.03        0.21117
443947.97    3747872.03        0.22896
         443972.97    3747872.03        0.24432
443997.97    3747872.03        0.21468
         443847.97    3747897.03        0.22175
443872.97    3747897.03        0.22115
         443897.97    3747897.03        0.21119
443922.97    3747897.03        0.21708
         443947.97    3747897.03        0.25300
443972.97    3747897.03        0.25512
         443847.97    3747922.03        0.24545
443872.97    3747922.03        0.25035
         443897.97    3747922.03        0.22765
443922.97    3747922.03        0.22503
         443947.97    3747922.03        0.27207
443972.97    3747922.03        0.25996
         443872.97    3747947.03        0.27105
443897.97    3747947.03        0.26519
         443922.97    3747947.03        0.27001
443947.97    3747947.03        0.28361
         443872.97    3747972.03        0.28500
443897.97    3747972.03        0.28586
         443922.97    3747972.03        0.29275
443947.97    3747972.03        0.28878
         443872.97    3747997.03        0.29994
443897.97    3747997.03        0.30476

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 301
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91E14  ***
                                  INCLUDING SOURCE(S):
L0052932    , L0052933    , L0052934    , L0052935    , L0052936    ,
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                L0052937    , L0052938    , L0052939    ,
L0052940    , L0052941    , L0052942    , L0052943    , L0052944    ,
                L0052945    , L0052946    , L0052947    ,
L0052948    , L0052949    , L0052950    , L0052951    , L0052952    ,
                L0052953    , L0052954    , L0052955    ,
L0052956    , L0052957    , L0052958    , L0052959    ,  . . .      ,

                                             *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                          ** CONC OF UNITEMIS IN
MICROGRAMS/M**3                            **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443922.97    3747997.03        0.30546
443947.97    3747997.03        0.29810
         443897.97    3748022.03        0.31894
443922.97    3748022.03        0.31642
         443947.97    3748022.03        0.30876
443972.97    3748022.03        0.29356
         443897.97    3748047.03        0.33071
443922.97    3748047.03        0.32776
         443947.97    3748047.03        0.31758
443972.97    3748047.03        0.30623
         443997.97    3748047.03        0.29545
443897.97    3748072.03        0.34323
         443922.97    3748072.03        0.33958
443947.97    3748072.03        0.32495
         443972.97    3748072.03        0.31675
443997.97    3748072.03        0.30992
         444022.97    3748072.03        0.30605
443897.97    3748097.03        0.35650
         443922.97    3748097.03        0.35251
443947.97    3748097.03        0.33763
         443972.97    3748097.03        0.32928
443997.97    3748097.03        0.32570
         444022.97    3748097.03        0.32369
444047.97    3748097.03        0.32176
         443897.97    3748122.03        0.36876
443922.97    3748122.03        0.36120
         443947.97    3748122.03        0.35725
443972.97    3748122.03        0.35415
         443997.97    3748122.03        0.34756
444022.97    3748122.03        0.33985
         444047.97    3748122.03        0.33608
444072.97    3748122.03        0.34076
         443872.97    3748147.03        0.39763
443897.97    3748147.03        0.39455
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         443922.97    3748147.03        0.38115
443947.97    3748147.03        0.37900
         443972.97    3748147.03        0.37685
443997.97    3748147.03        0.36555
         444022.97    3748147.03        0.35674
444047.97    3748147.03        0.35559
         444072.97    3748147.03        0.36072
444097.97    3748147.03        0.36793
         443872.97    3748172.03        0.42683
443897.97    3748172.03        0.42745
         443922.97    3748172.03        0.40980
443947.97    3748172.03        0.40319
         443972.97    3748172.03        0.39274
443997.97    3748172.03        0.38296
         444022.97    3748172.03        0.37742
444047.97    3748172.03        0.37761
         444072.97    3748172.03        0.38288
444097.97    3748172.03        0.38821
         444122.97    3748172.03        0.38224
443847.97    3748197.03        0.45721
         443872.97    3748197.03        0.46607
443897.97    3748197.03        0.46552
         443922.97    3748197.03        0.44510
443947.97    3748197.03        0.43346
         443972.97    3748197.03        0.41427
443997.97    3748197.03        0.40527
         444022.97    3748197.03        0.40298
444047.97    3748197.03        0.40526
         444072.97    3748197.03        0.41019
444097.97    3748197.03        0.40987
         444122.97    3748197.03        0.39951
444147.97    3748197.03        0.38120
         443822.97    3748222.03        0.49986
443847.97    3748222.03        0.52284
         443872.97    3748222.03        0.52514
443897.97    3748222.03        0.51155
         443922.97    3748222.03        0.48807
443947.97    3748222.03        0.47486
         443972.97    3748222.03        0.45308
443997.97    3748222.03        0.43871
         444022.97    3748222.03        0.43580
444047.97    3748222.03        0.44041
         444072.97    3748222.03        0.44252
444097.97    3748222.03        0.42860
         444122.97    3748222.03        0.41531
444147.97    3748222.03        0.39221

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: SR91E14 ***
INCLUDING SOURCE(S):
L0052932 , L0052933 , L0052934 , L0052935 , L0052936 , L0052937 , L0052938 , L0052939 ,
L0052940 , L0052941 , L0052942 , L0052943 , L0052944 , L0052945 , L0052946 , L0052947 ,
L0052948 , L0052949 , L0052950 , L0052951 , L0052952 , L0052953 , L0052954 , L0052955 ,
L0052956 , L0052957 , L0052958 , L0052959 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF UNITEMIS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
443797.97	3748247.03	0.50822	443822.97	3748247.03	0.56833
443847.97	3748247.03	0.60011	443872.97	3748247.03	0.59657
443897.97	3748247.03	0.57374	443922.97	3748247.03	0.54724
443947.97	3748247.03	0.53129	443972.97	3748247.03	0.50545
443997.97	3748247.03	0.48872	444022.97	3748247.03	0.48095
444047.97	3748247.03	0.47769	444072.97	3748247.03	0.47111
444097.97	3748247.03	0.44809	444122.97	3748247.03	0.42704
443772.97	3748272.03	0.58572	443797.97	3748272.03	0.63480
443822.97	3748272.03	0.63566	443847.97	3748272.03	0.63560
443872.97	3748272.03	0.63352	443897.97	3748272.03	0.62324
443922.97	3748272.03	0.59930	443997.97	3748272.03	0.53580
444022.97	3748272.03	0.52687	444047.97	3748272.03	0.51652
444072.97	3748272.03	0.49206	444097.97	3748272.03	0.45982

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         443747.97    3748297.03        0.64005
443772.97    3748297.03        0.65226
         443797.97    3748297.03        0.68189
443822.97    3748297.03        0.67300
         443847.97    3748297.03        0.66796
443872.97    3748297.03        0.66250
         444022.97    3748297.03        0.57454
444047.97    3748297.03        0.54928
         444072.97    3748297.03        0.50633
443322.97    3748322.03        0.69703
         443347.97    3748322.03        0.70877
443372.97    3748322.03        0.71178
         443697.97    3748322.03        0.70745
443722.97    3748322.03        0.70571
         443747.97    3748322.03        0.71357
443772.97    3748322.03        0.70864
         443797.97    3748322.03        0.71142
443822.97    3748322.03        0.70530
         443847.97    3748322.03        0.69796
443997.97    3748322.03        0.66140
         444022.97    3748322.03        0.62905
444047.97    3748322.03        0.57677
         444072.97    3748322.03        0.52127
443322.97    3748347.03        0.73282
         443347.97    3748347.03        0.74192
443372.97    3748347.03        0.74860
         443397.97    3748347.03        0.74461
443697.97    3748347.03        0.76491
         443722.97    3748347.03        0.76073
443747.97    3748347.03        0.75741
         443772.97    3748347.03        0.75157
443797.97    3748347.03        0.74317
         443972.97    3748347.03        0.72304
443997.97    3748347.03        0.71276
         444022.97    3748347.03        0.67598
444047.97    3748347.03        0.60107
         443322.97    3748372.03        0.77678
443347.97    3748372.03        0.78457
         443372.97    3748372.03        0.79668
443397.97    3748372.03        0.79269
         443422.97    3748372.03        0.79184
443647.97    3748372.03        0.83723
         443672.97    3748372.03        0.84157
443697.97    3748372.03        0.83106
         443722.97    3748372.03        0.81331
443747.97    3748372.03        0.79376
         443772.97    3748372.03        0.78479
443972.97    3748372.03        0.76765
         443997.97    3748372.03        0.75211
444022.97    3748372.03        0.71426
         443322.97    3748397.03        0.82687
443347.97    3748397.03        0.85587
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         443372.97    3748397.03        0.85961
443397.97    3748397.03        0.84720

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 303
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91E14  ***
                                INCLUDING SOURCE(S):
L0052932    , L0052933    , L0052934    , L0052935    , L0052936    ,
                L0052937    , L0052938    , L0052939    ,
L0052940    , L0052941    , L0052942    , L0052943    , L0052944    ,
                L0052945    , L0052946    , L0052947    ,
L0052948    , L0052949    , L0052950    , L0052951    , L0052952    ,
                L0052953    , L0052954    , L0052955    ,
L0052956    , L0052957    , L0052958    , L0052959    ,  . . .      ,

                                              *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                         ** CONC OF UNITEMIS IN
MICROGRAMS/M**3                           **

       X-COORD (M)   Y-COORD (M)        CONC                         X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443422.97    3748397.03        0.85369
443447.97    3748397.03        0.86897
         443597.97    3748397.03        0.84319
443622.97    3748397.03        0.82036
         443647.97    3748397.03        0.92698
443672.97    3748397.03        0.93332
         443697.97    3748397.03        0.89271
443722.97    3748397.03        0.84686
         443747.97    3748397.03        0.82982
443947.97    3748397.03        0.82184
         443972.97    3748397.03        0.81780
443997.97    3748397.03        0.79760
         444022.97    3748397.03        0.76005
443322.97    3748422.03        0.87517
         443347.97    3748422.03        0.96036
443372.97    3748422.03        0.90891
         443397.97    3748422.03        0.89274
443422.97    3748422.03        0.92036
         443447.97    3748422.03        0.95733
443472.97    3748422.03        0.96304
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         443547.97    3748422.03        0.93646
443572.97    3748422.03        0.93311
         443597.97    3748422.03        0.94206
443622.97    3748422.03        0.97334
         443647.97    3748422.03        0.98776
443672.97    3748422.03        0.95893
         443697.97    3748422.03        0.91634
443722.97    3748422.03        0.89379
         443947.97    3748422.03        0.87016
443972.97    3748422.03        0.86533
         443997.97    3748422.03        0.81992
443322.97    3748447.03        0.99127
         443347.97    3748447.03        1.02119
443372.97    3748447.03        0.98306
         443422.97    3748447.03        1.00354
443447.97    3748447.03        1.04512
         443472.97    3748447.03        1.05633
443497.97    3748447.03        1.04899
         443522.97    3748447.03        1.05085
443547.97    3748447.03        1.05574
         443572.97    3748447.03        1.04803
443597.97    3748447.03        1.03789
         443622.97    3748447.03        1.04521
443647.97    3748447.03        1.04618
         443672.97    3748447.03        0.97617
443697.97    3748447.03        0.92614
         443922.97    3748447.03        0.92782
443947.97    3748447.03        0.92302
         443972.97    3748447.03        0.89521
443297.97    3748472.03        1.06357
         443322.97    3748472.03        1.07112
443347.97    3748472.03        1.01157
         443422.97    3748472.03        1.08664
443447.97    3748472.03        1.11884
         443472.97    3748472.03        1.12663
443497.97    3748472.03        1.12916
         443522.97    3748472.03        1.13096
443547.97    3748472.03        1.12533
         443572.97    3748472.03        1.09705
443597.97    3748472.03        1.05089
         443622.97    3748472.03        1.06265
443647.97    3748472.03        1.05093
         443672.97    3748472.03        1.00091
443897.97    3748472.03        0.99106
         443922.97    3748472.03        0.98494
443947.97    3748472.03        0.96783
         443972.97    3748472.03        0.89986
443297.97    3748497.03        1.12022
         443322.97    3748497.03        1.12308
443347.97    3748497.03        1.05865
         443397.97    3748497.03        1.11085
443422.97    3748497.03        1.15781
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         443447.97    3748497.03        1.18300
443472.97    3748497.03        1.19021
         443497.97    3748497.03        1.19359
443522.97    3748497.03        1.19502
         443547.97    3748497.03        1.16964
443572.97    3748497.03        1.12497
         443597.97    3748497.03        1.10066
443622.97    3748497.03        1.10949

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 304
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91E14  ***
                                INCLUDING SOURCE(S):
L0052932    , L0052933    , L0052934    , L0052935    , L0052936    ,
               L0052937    , L0052938    , L0052939    ,
L0052940    , L0052941    , L0052942    , L0052943    , L0052944    ,
               L0052945    , L0052946    , L0052947    ,
L0052948    , L0052949    , L0052950    , L0052951    , L0052952    ,
               L0052953    , L0052954    , L0052955    ,
L0052956    , L0052957    , L0052958    , L0052959    ,  . . .      ,

                                          *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                         ** CONC OF UNITEMIS IN
MICROGRAMS/M**3                           **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443647.97    3748497.03        1.09920
443897.97    3748497.03        1.05649
         443922.97    3748497.03        1.04822
443947.97    3748497.03        1.01298
         443272.97    3748522.03        1.17544
443297.97    3748522.03        1.18383
         443322.97    3748522.03        1.16632
443397.97    3748522.03        1.19798
         443422.97    3748522.03        1.24133
443447.97    3748522.03        1.25383
         443472.97    3748522.03        1.25824
443497.97    3748522.03        1.26146
         443522.97    3748522.03        1.24961
443547.97    3748522.03        1.15490
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         443572.97    3748522.03        1.10155
443597.97    3748522.03        1.13063
         443622.97    3748522.03        1.14210
443647.97    3748522.03        1.12907
         443872.97    3748522.03        1.13361
443897.97    3748522.03        1.12770
         443922.97    3748522.03        1.10980
443272.97    3748547.03        1.26339
         443297.97    3748547.03        1.25122
443322.97    3748547.03        1.19090
         443422.97    3748547.03        1.32110
443447.97    3748547.03        1.32677
         443472.97    3748547.03        1.32668
443497.97    3748547.03        1.32572
         443522.97    3748547.03        1.20022
443547.97    3748547.03        1.17209
         443572.97    3748547.03        1.15849
443597.97    3748547.03        1.14863
         443622.97    3748547.03        1.19795
443647.97    3748547.03        1.18548
         443672.97    3748547.03        1.17203
443847.97    3748547.03        1.21863
         443872.97    3748547.03        1.21505
443897.97    3748547.03        1.20014
         443922.97    3748547.03        1.15357
443247.97    3748572.03        1.28388
         443272.97    3748572.03        1.32810
443297.97    3748572.03        1.32800
         443322.97    3748572.03        1.28403
443422.97    3748572.03        1.40069
         443447.97    3748572.03        1.40919
443472.97    3748572.03        1.41054
         443497.97    3748572.03        1.34977
443522.97    3748572.03        1.26791
         443547.97    3748572.03        1.23198
443572.97    3748572.03        1.22288
         443597.97    3748572.03        1.22807
443622.97    3748572.03        1.24155
         443647.97    3748572.03        1.24515
443672.97    3748572.03        1.26532
         443697.97    3748572.03        1.27419
443822.97    3748572.03        1.33018
         443847.97    3748572.03        1.31659
443872.97    3748572.03        1.29897
         443897.97    3748572.03        1.26735
443247.97    3748597.03        1.37318
         443272.97    3748597.03        1.40319
443297.97    3748597.03        1.41176
         443397.97    3748597.03        1.47496
443422.97    3748597.03        1.48790
         443447.97    3748597.03        1.49067
443472.97    3748597.03        1.46752
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         443497.97    3748597.03        1.39910
443572.97    3748597.03        1.33747
         443597.97    3748597.03        1.34789
443622.97    3748597.03        1.35768
         443647.97    3748597.03        1.36672
443672.97    3748597.03        1.38141
         443697.97    3748597.03        1.41179
443722.97    3748597.03        1.44870
         443797.97    3748597.03        1.46111
443822.97    3748597.03        1.44156
         443847.97    3748597.03        1.41169
443872.97    3748597.03        1.38393
         443222.97    3748622.03        1.45856
443247.97    3748622.03        1.47734

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 305
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91E14  ***
                                INCLUDING SOURCE(S):
L0052932    , L0052933    , L0052934    , L0052935    , L0052936    ,
               L0052937    , L0052938    , L0052939    ,
L0052940    , L0052941    , L0052942    , L0052943    , L0052944    ,
               L0052945    , L0052946    , L0052947    ,
L0052948    , L0052949    , L0052950    , L0052951    , L0052952    ,
               L0052953    , L0052954    , L0052955    ,
L0052956    , L0052957    , L0052958    , L0052959    ,  . . .      ,

                                        *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                       ** CONC OF UNITEMIS IN
MICROGRAMS/M**3                         **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443272.97    3748622.03        1.49112
443297.97    3748622.03        1.49782
         443397.97    3748622.03        1.57052
443422.97    3748622.03        1.58382
         443447.97    3748622.03        1.58080
443472.97    3748622.03        1.52752
         443597.97    3748622.03        1.50264
443622.97    3748622.03        1.51507
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         443647.97    3748622.03        1.52638
443672.97    3748622.03        1.54648
         443697.97    3748622.03        1.58371
443722.97    3748622.03        1.61444
         443747.97    3748622.03        1.62676
443772.97    3748622.03        1.62510
         443797.97    3748622.03        1.60796
443822.97    3748622.03        1.55812
         443847.97    3748622.03        1.51847
443222.97    3748647.03        1.57548
         443247.97    3748647.03        1.58262
443272.97    3748647.03        1.58596
         443372.97    3748647.03        1.65838
443397.97    3748647.03        1.67418
         443422.97    3748647.03        1.68091
443447.97    3748647.03        1.66745
         443622.97    3748647.03        1.68655
443647.97    3748647.03        1.70696
         443672.97    3748647.03        1.73242
443697.97    3748647.03        1.75556
         443722.97    3748647.03        1.76603
443747.97    3748647.03        1.76804
         443772.97    3748647.03        1.76498
443797.97    3748647.03        1.74778
         443822.97    3748647.03        1.68461
443197.97    3748672.03        1.68737
         443222.97    3748672.03        1.69272
443247.97    3748672.03        1.68551
         443272.97    3748672.03        1.69009
443347.97    3748672.03        1.76329
         443372.97    3748672.03        1.77085
443397.97    3748672.03        1.78267
         443422.97    3748672.03        1.76504
443572.97    3748672.03        1.83864
         443597.97    3748672.03        1.85063
443622.97    3748672.03        1.86543
         443647.97    3748672.03        1.88703
443672.97    3748672.03        1.89888
         443697.97    3748672.03        1.90827
443722.97    3748672.03        1.91467
         443747.97    3748672.03        1.91565
443772.97    3748672.03        1.90478
         443797.97    3748672.03        1.86638
443197.97    3748697.03        1.78994
         443222.97    3748697.03        1.78725
443247.97    3748697.03        1.79413
         443347.97    3748697.03        1.89278
443372.97    3748697.03        1.89069
         443397.97    3748697.03        1.86830
443522.97    3748697.03        2.00120
         443547.97    3748697.03        2.02251
443572.97    3748697.03        2.03403
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         443597.97    3748697.03        2.03638
443622.97    3748697.03        2.04426
         443647.97    3748697.03        2.04970
443672.97    3748697.03        2.06296
         443697.97    3748697.03        2.07558
443722.97    3748697.03        2.08035
         443747.97    3748697.03        2.07667
443772.97    3748697.03        2.05363
         443172.97    3748722.03        1.89287
443197.97    3748722.03        1.91354
         443222.97    3748722.03        1.89163
443247.97    3748722.03        1.88847
         443322.97    3748722.03        2.01850
443347.97    3748722.03        2.02378
         443372.97    3748722.03        2.02894
443472.97    3748722.03        2.13392
         443497.97    3748722.03        2.14880
443522.97    3748722.03        2.17657
         443547.97    3748722.03        2.19773
443572.97    3748722.03        2.21302

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 306
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91E14  ***
                                INCLUDING SOURCE(S):
L0052932    , L0052933    , L0052934    , L0052935    , L0052936    ,
               L0052937    , L0052938    , L0052939    ,
L0052940    , L0052941    , L0052942    , L0052943    , L0052944    ,
               L0052945    , L0052946    , L0052947    ,
L0052948    , L0052949    , L0052950    , L0052951    , L0052952    ,
               L0052953    , L0052954    , L0052955    ,
L0052956    , L0052957    , L0052958    , L0052959    ,  . . .      ,

                                          *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                         ** CONC OF UNITEMIS IN
MICROGRAMS/M**3                           **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443597.97    3748722.03        2.21852
443622.97    3748722.03        2.22391
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         443647.97    3748722.03        2.23317
443672.97    3748722.03        2.25059
         443697.97    3748722.03        2.26724
443722.97    3748722.03        2.26475
         443747.97    3748722.03        2.21594
443172.97    3748747.03        2.02090
         443197.97    3748747.03        2.03832
443222.97    3748747.03        1.98370
         443297.97    3748747.03        2.14418
443322.97    3748747.03        2.16744
         443347.97    3748747.03        2.18332
443447.97    3748747.03        2.28733
         443472.97    3748747.03        2.31241
443497.97    3748747.03        2.33791
         443522.97    3748747.03        2.35921
443547.97    3748747.03        2.38217
         443572.97    3748747.03        2.39987
443597.97    3748747.03        2.40680
         443622.97    3748747.03        2.41916
443647.97    3748747.03        2.43111
         443672.97    3748747.03        2.45638
443697.97    3748747.03        2.47099
         443722.97    3748747.03        2.45067
443147.97    3748772.03        2.14508
         443172.97    3748772.03        2.16490
443197.97    3748772.03        2.14354
         443222.97    3748772.03        2.13751
443297.97    3748772.03        2.30889
         443322.97    3748772.03        2.33580
443397.97    3748772.03        2.42281
         443422.97    3748772.03        2.45291
443447.97    3748772.03        2.48187
         443472.97    3748772.03        2.51097
443497.97    3748772.03        2.53796
         443522.97    3748772.03        2.55498
443547.97    3748772.03        2.57542
         443572.97    3748772.03        2.59461
443597.97    3748772.03        2.60834
         443622.97    3748772.03        2.62858
443647.97    3748772.03        2.64474
         443122.97    3748797.03        2.27545
443147.97    3748797.03        2.30534
         443172.97    3748797.03        2.32421
443197.97    3748797.03        2.30072
         443222.97    3748797.03        2.36988
443247.97    3748797.03        2.43076
         443272.97    3748797.03        2.46553
443297.97    3748797.03        2.49702
         443372.97    3748797.03        2.60299
443397.97    3748797.03        2.63802
         443422.97    3748797.03        2.66849
443447.97    3748797.03        2.69838
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         443472.97    3748797.03        2.72809
443497.97    3748797.03        2.74264
         443522.97    3748797.03        2.75713
443547.97    3748797.03        2.78592
         443572.97    3748797.03        2.82039
443097.97    3748822.03        2.41785
         443122.97    3748822.03        2.45414
443147.97    3748822.03        2.48239
         443172.97    3748822.03        2.51098
443197.97    3748822.03        2.55343
         443222.97    3748822.03        2.60213
443247.97    3748822.03        2.64125
         443272.97    3748822.03        2.67844
443297.97    3748822.03        2.71591
         443322.97    3748822.03        2.75474
443347.97    3748822.03        2.79524
         443372.97    3748822.03        2.84498
443397.97    3748822.03        2.88509
         443422.97    3748822.03        2.91186
443447.97    3748822.03        2.94038
         443472.97    3748822.03        2.95778
443072.97    3748847.03        2.57857
         443097.97    3748847.03        2.62524
443122.97    3748847.03        2.66051
         443147.97    3748847.03        2.69755
443272.97    3748847.03        2.92834

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 307
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91E14  ***
                                    INCLUDING SOURCE(S):
L0052932    , L0052933    , L0052934    , L0052935    , L0052936    ,
                L0052937    , L0052938    , L0052939    ,
L0052940    , L0052941    , L0052942    , L0052943    , L0052944    ,
                L0052945    , L0052946    , L0052947    ,
L0052948    , L0052949    , L0052950    , L0052951    , L0052952    ,
                L0052953    , L0052954    , L0052955    ,
L0052956    , L0052957    , L0052958    , L0052959    ,  . . .      ,

                                          *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                         ** CONC OF UNITEMIS IN
MICROGRAMS/M**3                           **
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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
443297.97	3748847.03	2.97752	443322.97	3748847.03	3.02792
443347.97	3748847.03	3.07775	443372.97	3748847.03	3.11797
443397.97	3748847.03	3.15303	443072.97	3748872.03	2.82243
443097.97	3748872.03	2.86716	443122.97	3748872.03	2.91211
443272.97	3748872.03	3.22061	443297.97	3748872.03	3.28596
443322.97	3748872.03	3.34640	443347.97	3748872.03	3.38975
443047.97	3748897.03	3.04139	443072.97	3748897.03	3.09341
443097.97	3748897.03	3.14790	443122.97	3748897.03	3.20535
443297.97	3748897.03	3.65973	443322.97	3748897.03	3.72463
443028.81	3748928.79	3.40563	443047.97	3748922.03	3.35433
443072.97	3748922.03	3.41699	443097.97	3748922.03	3.48263
443122.97	3748922.03	3.54760	443147.97	3748922.03	3.60900
443172.97	3748922.03	3.66795	443003.50	3748951.03	3.66967
443022.97	3748947.03	3.65962	443047.97	3748947.03	3.71929
443072.97	3748947.03	3.80728	443097.97	3748947.03	3.88421
443122.97	3748947.03	3.95887	443147.97	3748947.03	4.04103
443172.97	3748947.03	4.13694	442977.27	3748975.72	4.01445
442997.97	3748972.03	4.00194	443022.97	3748972.03	4.08161
443047.97	3748972.03	4.18487	443072.97	3748972.03	4.29074
443097.97	3748972.03	4.38844	443122.97	3748972.03	4.49940
443147.97	3748972.03	4.63272	443172.97	3748972.03	4.77617
442947.97	3748997.03	4.35312	442972.97	3748997.03	4.43522
442997.97	3748997.03	4.52925	443022.97	3748997.03	4.62846
443047.97	3748997.03	4.76078	443072.97	3748997.03	4.89976

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         443097.97    3748997.03        5.06859
443122.97    3748997.03        5.26021
         443147.97    3748997.03        5.44583
442922.97    3749022.03        4.89770
         442947.97    3749022.03        5.00889
442972.97    3749022.03        5.14613
         442997.97    3749022.03        5.29418
443022.97    3749022.03        5.43103
         443047.97    3749022.03        5.61093
443072.97    3749022.03        5.79745
         443102.27    3749028.48        6.42737
443118.05    3749011.89        5.79677
         442918.36    3749057.17        6.15841
442947.05    3749054.10        6.22804
         442972.97    3749047.03        6.11114
442997.97    3749047.03        6.32320
         443018.97    3749057.17        7.04693
443043.67    3749053.18        7.13853
         443072.97    3749047.03        7.12337
442904.73    3749080.33        7.33172
         442925.74    3749077.56        7.40503
442947.97    3749072.03        7.26850
         442972.66    3749064.96        7.07881
443321.39    3748281.81        0.64089
         443345.73    3748282.87        0.65925
443372.19    3748295.57        0.67868
         443398.64    3748320.97        0.70130
443920.42    3747346.84        0.07771
         443920.89    3747371.73        0.08072
443923.71    3747395.21        0.08420
         443922.30    3747421.03        0.08834
443923.24    3747444.04        0.09369

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 308
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91E14  ***
                                  INCLUDING SOURCE(S):
L0052932    , L0052933    , L0052934    , L0052935    , L0052936    ,
               L0052937    , L0052938    , L0052939    ,
L0052940    , L0052941    , L0052942    , L0052943    , L0052944    ,
               L0052945    , L0052946    , L0052947    ,
L0052948    , L0052949    , L0052950    , L0052951    , L0052952    ,
               L0052953    , L0052954    , L0052955    ,
L0052956    , L0052957    , L0052958    , L0052959    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF UNITEMIS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
442945.03	3749041.56	5.67043			

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: SR91E56 ***
INCLUDING SOURCE(S):

L0052742 , L0052743 , L0052744 , L0052745 , L0052746 , L0052747 , L0052748 , L0052749 , L0052750 , L0052751 , L0052752 , L0052753 , L0052754 , L0052755 , L0052756 , L0052757 , L0052758 , L0052759 , L0052760 , L0052761 , L0052762 , L0052763 , L0052764 , L0052765 , L0052766 , L0052767 , L0052768 , L0052769 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF UNITEMIS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
443922.97	3747147.03	0.05281	443922.97	3747172.03	0.05328
443897.97	3747197.03	0.05405	443922.97	3747197.03	0.05422
443897.97	3747222.03	0.05537	443922.97	3747222.03	0.05552
443947.97	3747222.03	0.05574	443922.97	3747247.03	0.05729
443947.97	3747247.03	0.05806	443922.97	3747272.03	0.05922

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         443947.97    3747272.03        0.06036
443972.97    3747272.03        0.06218
         443922.97    3747297.03        0.06140
443947.97    3747297.03        0.06231
         443972.97    3747297.03        0.06406
443922.97    3747322.03        0.06388
         443947.97    3747322.03        0.06422
443972.97    3747322.03        0.06547
         443947.97    3747347.03        0.06662
443972.97    3747347.03        0.06704
         443997.97    3747347.03        0.06796
443947.97    3747372.03        0.06860
         443972.97    3747372.03        0.06903
443997.97    3747372.03        0.06958
         443947.97    3747397.03        0.07072
443972.97    3747397.03        0.07067
         443997.97    3747397.03        0.07142
443947.97    3747422.03        0.07380
         443972.97    3747422.03        0.07318
443997.97    3747422.03        0.07342
         444022.97    3747422.03        0.07844
443947.97    3747447.03        0.07814
         443972.97    3747447.03        0.07677
443997.97    3747447.03        0.07695
         444022.97    3747447.03        0.08145
443922.97    3747472.03        0.08849
         443947.97    3747472.03        0.08361
443972.97    3747472.03        0.08136
         443997.97    3747472.03        0.08236
444022.97    3747472.03        0.08579
         443922.97    3747497.03        0.09196
443947.97    3747497.03        0.08944
         443972.97    3747497.03        0.08703
443997.97    3747497.03        0.08628
         444022.97    3747497.03        0.08777
443922.97    3747522.03        0.09417
         443947.97    3747522.03        0.09254
443972.97    3747522.03        0.09006
         443997.97    3747522.03        0.08927
444022.97    3747522.03        0.08984
         444047.97    3747522.03        0.09132
443922.97    3747547.03        0.09645
         443947.97    3747547.03        0.09581
443972.97    3747547.03        0.09327
         443997.97    3747547.03        0.09244
444022.97    3747547.03        0.09285
         444047.97    3747547.03        0.09395
443922.97    3747572.03        0.09876
         443947.97    3747572.03        0.09848
443972.97    3747572.03        0.09586
         443997.97    3747572.03        0.09547
444022.97    3747572.03        0.09619
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         444047.97    3747572.03        0.09721
444072.97    3747572.03        0.09811
         443922.97    3747597.03        0.10160
443947.97    3747597.03        0.10083
         443972.97    3747597.03        0.09854
443997.97    3747597.03        0.09868
         444022.97    3747597.03        0.09971
444047.97    3747597.03        0.10080
         444072.97    3747597.03        0.10172
443922.97    3747622.03        0.10532
         443947.97    3747622.03        0.10361
443972.97    3747622.03        0.10197
         443997.97    3747622.03        0.10214
444022.97    3747622.03        0.10326
         444047.97    3747622.03        0.10456
444072.97    3747622.03        0.10554
         443922.97    3747647.03        0.10936
443947.97    3747647.03        0.10762

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 310
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91E56  ***
                                 INCLUDING SOURCE(S):
L0052742    , L0052743    , L0052744    , L0052745    , L0052746    ,
               L0052747    , L0052748    , L0052749    ,
L0052750    , L0052751    , L0052752    , L0052753    , L0052754    ,
               L0052755    , L0052756    , L0052757    ,
L0052758    , L0052759    , L0052760    , L0052761    , L0052762    ,
               L0052763    , L0052764    , L0052765    ,
L0052766    , L0052767    , L0052768    , L0052769    ,  . . .      ,

                                        *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                      ** CONC OF UNITEMIS IN
MICROGRAMS/M**3                        **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443972.97    3747647.03        0.10596
443997.97    3747647.03        0.10531
         444022.97    3747647.03        0.10653
444047.97    3747647.03        0.10864
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         444072.97    3747647.03        0.10965
443922.97    3747672.03        0.11384
         443947.97    3747672.03        0.11326
443972.97    3747672.03        0.11397
         443997.97    3747672.03        0.11394
444022.97    3747672.03        0.11460
         444047.97    3747672.03        0.11606
444072.97    3747672.03        0.11697
         443922.97    3747697.03        0.12287
443947.97    3747697.03        0.12371
         443972.97    3747697.03        0.12510
443997.97    3747697.03        0.12710
         444022.97    3747697.03        0.12683
444047.97    3747697.03        0.12489
         443922.97    3747722.03        0.13163
443947.97    3747722.03        0.13527
         443972.97    3747722.03        0.13598
443997.97    3747722.03        0.13643
         444022.97    3747722.03        0.13536
444047.97    3747722.03        0.13264
         443922.97    3747747.03        0.13845
443947.97    3747747.03        0.14282
         443972.97    3747747.03        0.14412
443997.97    3747747.03        0.14240
         444022.97    3747747.03        0.14054
443897.97    3747772.03        0.14581
         443922.97    3747772.03        0.14403
443947.97    3747772.03        0.14573
         443972.97    3747772.03        0.14918
443997.97    3747772.03        0.14803
         443897.97    3747797.03        0.15065
443922.97    3747797.03        0.15038
         443947.97    3747797.03        0.15222
443972.97    3747797.03        0.15402
         443997.97    3747797.03        0.15222
443872.97    3747822.03        0.15974
         443897.97    3747822.03        0.15742
443922.97    3747822.03        0.15741
         443947.97    3747822.03        0.16143
443972.97    3747822.03        0.16351
         443997.97    3747822.03        0.15844
443872.97    3747847.03        0.16492
         443897.97    3747847.03        0.16368
443922.97    3747847.03        0.16712
         443947.97    3747847.03        0.17371
443972.97    3747847.03        0.18573
         443997.97    3747847.03        0.17015
443847.97    3747872.03        0.17204
         443872.97    3747872.03        0.17087
443897.97    3747872.03        0.16968
         443922.97    3747872.03        0.17692
443947.97    3747872.03        0.19146
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         443972.97    3747872.03        0.20376
443997.97    3747872.03        0.18027
         443847.97    3747897.03        0.18546
443872.97    3747897.03        0.18503
         443897.97    3747897.03        0.17694
443922.97    3747897.03        0.18190
         443947.97    3747897.03        0.21086
443972.97    3747897.03        0.21264
         443847.97    3747922.03        0.20498
443872.97    3747922.03        0.20893
         443897.97    3747922.03        0.19060
443922.97    3747922.03        0.18857
         443947.97    3747922.03        0.22622
443972.97    3747922.03        0.21685
         443872.97    3747947.03        0.22582
443897.97    3747947.03        0.22117
         443922.97    3747947.03        0.22502
443947.97    3747947.03        0.23570
         443872.97    3747972.03        0.23732
443897.97    3747972.03        0.23796
         443922.97    3747972.03        0.24334
443947.97    3747972.03        0.24028
         443872.97    3747997.03        0.24964
443897.97    3747997.03        0.25333

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 311
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91E56  ***
                                INCLUDING SOURCE(S):
L0052742    , L0052743    , L0052744    , L0052745    , L0052746    ,
                L0052747    , L0052748    , L0052749    ,
L0052750    , L0052751    , L0052752    , L0052753    , L0052754    ,
                L0052755    , L0052756    , L0052757    ,
L0052758    , L0052759    , L0052760    , L0052761    , L0052762    ,
                L0052763    , L0052764    , L0052765    ,
L0052766    , L0052767    , L0052768    , L0052769    ,  . . .      ,

                                                 *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                               ** CONC OF UNITEMIS IN
MICROGRAMS/M**3                                 **

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

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         444072.97    3748172.03        0.31883
444097.97    3748172.03        0.32306
         444122.97    3748172.03        0.31862
443847.97    3748197.03        0.38012
         443872.97    3748197.03        0.38613
443897.97    3748197.03        0.38498
         443922.97    3748197.03        0.36884
443947.97    3748197.03        0.35945
         443972.97    3748197.03        0.34427
443997.97    3748197.03        0.33707
         444022.97    3748197.03        0.33519
444047.97    3748197.03        0.33695
         444072.97    3748197.03        0.34078
444097.97    3748197.03        0.34060
         444122.97    3748197.03        0.33279
444147.97    3748197.03        0.31876
         443822.97    3748222.03        0.41552
443847.97    3748222.03        0.43164
         443872.97    3748222.03        0.43288
443897.97    3748222.03        0.42129
         443922.97    3748222.03        0.40300
443947.97    3748222.03        0.39241
         443972.97    3748222.03        0.37536
443997.97    3748222.03        0.36401
         444022.97    3748222.03        0.36157
444047.97    3748222.03        0.36498
         444072.97    3748222.03        0.36651
444097.97    3748222.03        0.35596
         444122.97    3748222.03        0.34587
444147.97    3748222.03        0.32804

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 312
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91E56  ***
                                  INCLUDING SOURCE(S):
L0052742    , L0052743    , L0052744    , L0052745    , L0052746    ,
                L0052747    , L0052748    , L0052749    ,
L0052750    , L0052751    , L0052752    , L0052753    , L0052754    ,
                L0052755    , L0052756    , L0052757    ,
L0052758    , L0052759    , L0052760    , L0052761    , L0052762    ,
                L0052763    , L0052764    , L0052765    ,
L0052766    , L0052767    , L0052768    , L0052769    ,  . . .      ,

                                             *** DISCRETE CARTESIAN
RECEPTOR POINTS ***
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** CONC OF UNITEMIS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
443797.97	3748247.03	0.42488	443822.97	3748247.03	0.47409
443847.97	3748247.03	0.51221	443872.97	3748247.03	0.50902
443897.97	3748247.03	0.47839	443922.97	3748247.03	0.45033
443947.97	3748247.03	0.43637	443972.97	3748247.03	0.41655
443997.97	3748247.03	0.40348	444022.97	3748247.03	0.39725
444047.97	3748247.03	0.39453	444072.97	3748247.03	0.38943
444097.97	3748247.03	0.37196	444122.97	3748247.03	0.35583
443772.97	3748272.03	0.48798	443797.97	3748272.03	0.54175
443822.97	3748272.03	0.54234	443847.97	3748272.03	0.54452
443872.97	3748272.03	0.54215	443897.97	3748272.03	0.53207
443922.97	3748272.03	0.49938	443997.97	3748272.03	0.44048
444022.97	3748272.03	0.43332	444047.97	3748272.03	0.42524
444072.97	3748272.03	0.40669	444097.97	3748272.03	0.38206
443747.97	3748297.03	0.53723	443772.97	3748297.03	0.55121
443797.97	3748297.03	0.58530	443822.97	3748297.03	0.57598
443847.97	3748297.03	0.57308	443872.97	3748297.03	0.56601
444022.97	3748297.03	0.47061	444047.97	3748297.03	0.45151
444072.97	3748297.03	0.41900	443322.97	3748322.03	0.59579
443347.97	3748322.03	0.60460	443372.97	3748322.03	0.60664
443697.97	3748322.03	0.60214	443722.97	3748322.03	0.60015
443747.97	3748322.03	0.60991	443772.97	3748322.03	0.60579
443797.97	3748322.03	0.60905	443822.97	3748322.03	0.60397

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         443847.97    3748322.03        0.59572
443997.97    3748322.03        0.56120
         444022.97    3748322.03        0.52051
444047.97    3748322.03        0.47405
         444072.97    3748322.03        0.43185
443322.97    3748347.03        0.62638
         443347.97    3748347.03        0.63291
443372.97    3748347.03        0.63790
         443397.97    3748347.03        0.63388
443697.97    3748347.03        0.65475
         443722.97    3748347.03        0.65109
443747.97    3748347.03        0.64832
         443772.97    3748347.03        0.64239
443797.97    3748347.03        0.63567
         443972.97    3748347.03        0.62208
443997.97    3748347.03        0.61124
         444022.97    3748347.03        0.56290
444047.97    3748347.03        0.49443
         443322.97    3748372.03        0.66342
443347.97    3748372.03        0.66904
         443372.97    3748372.03        0.67941
443397.97    3748372.03        0.67469
         443422.97    3748372.03        0.67383
443647.97    3748372.03        0.71936
         443672.97    3748372.03        0.72300
443697.97    3748372.03        0.71523
         443722.97    3748372.03        0.69584
443747.97    3748372.03        0.67732
         443772.97    3748372.03        0.67025
443972.97    3748372.03        0.66168
         443997.97    3748372.03        0.64480
444022.97    3748372.03        0.59531
         443322.97    3748397.03        0.70593
443347.97    3748397.03        0.72875
         443372.97    3748397.03        0.73200
443397.97    3748397.03        0.72246

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 313
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91E56  ***
                                  INCLUDING SOURCE(S):
L0052742    , L0052743    , L0052744    , L0052745    , L0052746    ,
               L0052747    , L0052748    , L0052749    ,
L0052750    , L0052751    , L0052752    , L0052753    , L0052754    ,
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                L0052755    , L0052756    , L0052757    ,
L0052758    , L0052759    , L0052760    , L0052761    , L0052762    ,
                L0052763    , L0052764    , L0052765    ,
L0052766    , L0052767    , L0052768    , L0052769    ,  . . .      ,

                                          *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                         ** CONC OF UNITEMIS IN
MICROGRAMS/M**3                           **

       X-COORD (M)   Y-COORD (M)        CONC                       X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443422.97    3748397.03        0.72780
443447.97    3748397.03        0.74063
         443597.97    3748397.03        0.71779
443622.97    3748397.03        0.69457
         443647.97    3748397.03        0.81081
443672.97    3748397.03        0.82114
         443697.97    3748397.03        0.76795
443722.97    3748397.03        0.72488
         443747.97    3748397.03        0.70743
443947.97    3748397.03        0.71051
         443972.97    3748397.03        0.70782
443997.97    3748397.03        0.68436
         444022.97    3748397.03        0.63274
443322.97    3748422.03        0.74701
         443347.97    3748422.03        0.83131
443372.97    3748422.03        0.77356
         443397.97    3748422.03        0.76072
443422.97    3748422.03        0.78315
         443447.97    3748422.03        0.82646
443472.97    3748422.03        0.83329
         443547.97    3748422.03        0.79943
443572.97    3748422.03        0.79705
         443597.97    3748422.03        0.80561
443622.97    3748422.03        0.84862
         443647.97    3748422.03        0.86732
443672.97    3748422.03        0.82223
         443697.97    3748422.03        0.78755
443722.97    3748422.03        0.76349
         443947.97    3748422.03        0.75203
443972.97    3748422.03        0.74882
         443997.97    3748422.03        0.69460
443322.97    3748447.03        0.85521
         443347.97    3748447.03        0.88334
443372.97    3748447.03        0.84259
         443422.97    3748447.03        0.86625
443447.97    3748447.03        0.91104
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         443472.97    3748447.03        0.92391
443497.97    3748447.03        0.91463
         443522.97    3748447.03        0.91616
443547.97    3748447.03        0.92459
         443572.97    3748447.03        0.91637
443597.97    3748447.03        0.90608
         443622.97    3748447.03        0.91600
443647.97    3748447.03        0.91775
         443672.97    3748447.03        0.83734
443697.97    3748447.03        0.78459
         443922.97    3748447.03        0.80045
443947.97    3748447.03        0.79741
         443972.97    3748447.03        0.76578
443297.97    3748472.03        0.92111
         443322.97    3748472.03        0.92854
443347.97    3748472.03        0.86032
         443422.97    3748472.03        0.94285
443447.97    3748472.03        0.97840
         443472.97    3748472.03        0.98765
443497.97    3748472.03        0.99097
         443522.97    3748472.03        0.99367
443547.97    3748472.03        0.98756
         443572.97    3748472.03        0.95580
443597.97    3748472.03        0.89725
         443622.97    3748472.03        0.90826
443647.97    3748472.03        0.89879
         443672.97    3748472.03        0.84992
443897.97    3748472.03        0.85319
         443922.97    3748472.03        0.84770
443947.97    3748472.03        0.83112
         443972.97    3748472.03        0.74776
443297.97    3748497.03        0.97105
         443322.97    3748497.03        0.97124
443347.97    3748497.03        0.90052
         443397.97    3748497.03        0.95653
443422.97    3748497.03        1.00740
         443447.97    3748497.03        1.03525
443472.97    3748497.03        1.04307
         443497.97    3748497.03        1.04715
443522.97    3748497.03        1.04855
         443547.97    3748497.03        1.01950
443572.97    3748497.03        0.95776
         443597.97    3748497.03        0.93919
443622.97    3748497.03        0.94709

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 314
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: SR91E56 ***

INCLUDING SOURCE(S):

L0052742 , L0052743 , L0052744 , L0052745 , L0052746 , L0052747 , L0052748 , L0052749 ,
L0052750 , L0052751 , L0052752 , L0052753 , L0052754 , L0052755 , L0052756 , L0052757 ,
L0052758 , L0052759 , L0052760 , L0052761 , L0052762 , L0052763 , L0052764 , L0052765 ,
L0052766 , L0052767 , L0052768 , L0052769 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF UNITEMIS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
443647.97	3748497.03	0.93927	443897.97	3748497.03	0.90867
443922.97	3748497.03	0.89971	443947.97	3748497.03	0.86366
443272.97	3748522.03	1.01775	443297.97	3748522.03	1.02634
443322.97	3748522.03	1.00736	443397.97	3748522.03	1.03712
443422.97	3748522.03	1.08293	443447.97	3748522.03	1.09742
443472.97	3748522.03	1.10120	443497.97	3748522.03	1.10578
443522.97	3748522.03	1.09134	443547.97	3748522.03	0.98141
443572.97	3748522.03	0.93043	443597.97	3748522.03	0.95702
443622.97	3748522.03	0.96719	443647.97	3748522.03	0.95528
443872.97	3748522.03	0.97218	443897.97	3748522.03	0.96700
443922.97	3748522.03	0.94948	443272.97	3748547.03	1.09727
443297.97	3748547.03	1.08556	443322.97	3748547.03	1.01824
443422.97	3748547.03	1.15474	443447.97	3748547.03	1.15965
443472.97	3748547.03	1.16026	443497.97	3748547.03	1.15793
443522.97	3748547.03	1.01918	443547.97	3748547.03	0.99028

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         443572.97    3748547.03        0.97806
443597.97    3748547.03        0.96946
         443622.97    3748547.03        1.01044
443647.97    3748547.03        0.99969
         443672.97    3748547.03        0.98592
443847.97    3748547.03        1.04158
         443872.97    3748547.03        1.04044
443897.97    3748547.03        1.02458
         443922.97    3748547.03        0.96899
443247.97    3748572.03        1.10792
         443272.97    3748572.03        1.15269
443297.97    3748572.03        1.15183
         443322.97    3748572.03        1.10400
443422.97    3748572.03        1.22397
         443447.97    3748572.03        1.23266
443472.97    3748572.03        1.23238
         443497.97    3748572.03        1.15606
443522.97    3748572.03        1.07109
         443547.97    3748572.03        1.04133
443572.97    3748572.03        1.03308
         443597.97    3748572.03        1.03603
443622.97    3748572.03        1.04486
         443647.97    3748572.03        1.04647
443672.97    3748572.03        1.06264
         443697.97    3748572.03        1.07096
443822.97    3748572.03        1.13327
         443847.97    3748572.03        1.12420
443872.97    3748572.03        1.10448
         443897.97    3748572.03        1.07209
443247.97    3748597.03        1.18795
         443272.97    3748597.03        1.21555
443297.97    3748597.03        1.22400
         443397.97    3748597.03        1.28563
443422.97    3748597.03        1.29975
         443447.97    3748597.03        1.30057
443472.97    3748597.03        1.27154
         443497.97    3748597.03        1.18358
443572.97    3748597.03        1.12736
         443597.97    3748597.03        1.13470
443622.97    3748597.03        1.14195
         443647.97    3748597.03        1.14901
443672.97    3748597.03        1.16024
         443697.97    3748597.03        1.19303
443722.97    3748597.03        1.23518
         443797.97    3748597.03        1.25169
443822.97    3748597.03        1.23716
         443847.97    3748597.03        1.20184
443872.97    3748597.03        1.16929
         443222.97    3748622.03        1.26202
443247.97    3748622.03        1.27961
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES
AVERAGED OVER 5 YEARS FOR SOURCE GROUP: SR91E56 ***
INCLUDING SOURCE(S):
L0052742 , L0052743 , L0052744 , L0052745 , L0052746 ,
L0052747 , L0052748 , L0052749 ,
L0052750 , L0052751 , L0052752 , L0052753 , L0052754 ,
L0052755 , L0052756 , L0052757 ,
L0052758 , L0052759 , L0052760 , L0052761 , L0052762 ,
L0052763 , L0052764 , L0052765 ,
L0052766 , L0052767 , L0052768 , L0052769 , . . . ,

*** DISCRETE CARTESIAN
RECEPTOR POINTS ***

** CONC OF UNITEMIS IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
443272.97	3748622.03	1.29162	443297.97	3748622.03	1.29759
443397.97	3748622.03	1.37001	443422.97	3748622.03	1.38302
443447.97	3748622.03	1.37718	443472.97	3748622.03	1.31227
443597.97	3748622.03	1.27092	443622.97	3748622.03	1.28224
443647.97	3748622.03	1.29292	443672.97	3748622.03	1.31219
443697.97	3748622.03	1.34714	443722.97	3748622.03	1.37517
443747.97	3748622.03	1.39987	443772.97	3748622.03	1.39439
443797.97	3748622.03	1.37779	443822.97	3748622.03	1.33169
443847.97	3748622.03	1.28252	443222.97	3748647.03	1.36959
443247.97	3748647.03	1.37443	443272.97	3748647.03	1.37446
443372.97	3748647.03	1.44426	443397.97	3748647.03	1.45973

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         443422.97    3748647.03        1.46357
443447.97    3748647.03        1.44284
         443622.97    3748647.03        1.42770
443647.97    3748647.03        1.44510
         443672.97    3748647.03        1.46711
443697.97    3748647.03        1.52082
         443722.97    3748647.03        1.53238
443747.97    3748647.03        1.53582
         443772.97    3748647.03        1.53199
443797.97    3748647.03        1.49598
         443822.97    3748647.03        1.42505
443197.97    3748672.03        1.47939
         443222.97    3748672.03        1.48011
443247.97    3748672.03        1.46446
         443272.97    3748672.03        1.46293
443347.97    3748672.03        1.53815
         443372.97    3748672.03        1.54120
443397.97    3748672.03        1.55052
         443422.97    3748672.03        1.52406
443572.97    3748672.03        1.58042
         443597.97    3748672.03        1.59384
443622.97    3748672.03        1.60563
         443647.97    3748672.03        1.62965
443672.97    3748672.03        1.64145
         443697.97    3748672.03        1.65115
443722.97    3748672.03        1.65832
         443747.97    3748672.03        1.65964
443772.97    3748672.03        1.62168
         443797.97    3748672.03        1.59103
443197.97    3748697.03        1.56664
         443222.97    3748697.03        1.55463
443247.97    3748697.03        1.55526
         443347.97    3748697.03        1.65413
443372.97    3748697.03        1.64317
         443397.97    3748697.03        1.60932
443522.97    3748697.03        1.73980
         443547.97    3748697.03        1.76358
443572.97    3748697.03        1.76724
         443597.97    3748697.03        1.76551
443622.97    3748697.03        1.76804
         443647.97    3748697.03        1.76871
443672.97    3748697.03        1.77998
         443697.97    3748697.03        1.79238
443722.97    3748697.03        1.79682
         443747.97    3748697.03        1.75869
443772.97    3748697.03        1.74344
         443172.97    3748722.03        1.65614
443197.97    3748722.03        1.67561
         443222.97    3748722.03        1.63775
443247.97    3748722.03        1.62774
         443322.97    3748722.03        1.77682
443347.97    3748722.03        1.76491
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         443372.97    3748722.03        1.75894
443472.97    3748722.03        1.85915
         443497.97    3748722.03        1.86991
443522.97    3748722.03        1.89747
         443547.97    3748722.03        1.91797
443572.97    3748722.03        1.92877

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 316
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91E56  ***
                                 INCLUDING SOURCE(S):
L0052742    , L0052743    , L0052744    , L0052745    , L0052746    ,
               L0052747    , L0052748    , L0052749    ,
L0052750    , L0052751    , L0052752    , L0052753    , L0052754    ,
               L0052755    , L0052756    , L0052757    ,
L0052758    , L0052759    , L0052760    , L0052761    , L0052762    ,
               L0052763    , L0052764    , L0052765    ,
L0052766    , L0052767    , L0052768    , L0052769    ,  . . .      ,

                                          *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                         ** CONC OF UNITEMIS IN
MICROGRAMS/M**3                           **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443597.97    3748722.03        1.92111
443622.97    3748722.03        1.91985
         443647.97    3748722.03        1.92317
443672.97    3748722.03        1.93778
         443697.97    3748722.03        1.95354
443722.97    3748722.03        1.91267
         443747.97    3748722.03        1.87180
443172.97    3748747.03        1.76559
         443197.97    3748747.03        1.77525
443222.97    3748747.03        1.70196
         443297.97    3748747.03        1.88409
443322.97    3748747.03        1.90619
         443347.97    3748747.03        1.90281
443447.97    3748747.03        1.99201
         443472.97    3748747.03        2.01405
443497.97    3748747.03        2.03541
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```
         443522.97    3748747.03        2.05323
443547.97    3748747.03        2.07072
         443572.97    3748747.03        2.07357
443597.97    3748747.03        2.07766
         443622.97    3748747.03        2.07687
443647.97    3748747.03        2.08177
         443672.97    3748747.03        2.10075
443697.97    3748747.03        2.07751
         443722.97    3748747.03        2.06038
443147.97    3748772.03        1.87661
         443172.97    3748772.03        1.88773
443197.97    3748772.03        1.84623
         443222.97    3748772.03        1.83249
443297.97    3748772.03        2.02807
         443322.97    3748772.03        2.05336
443397.97    3748772.03        2.11149
         443422.97    3748772.03        2.12997
443447.97    3748772.03        2.15643
         443472.97    3748772.03        2.17932
443497.97    3748772.03        2.20140
         443522.97    3748772.03        2.20068
443547.97    3748772.03        2.21673
         443572.97    3748772.03        2.22406
443597.97    3748772.03        2.22685
         443622.97    3748772.03        2.19542
443647.97    3748772.03        2.20941
         443122.97    3748797.03        1.98451
443147.97    3748797.03        2.01270
         443172.97    3748797.03        2.01477
443197.97    3748797.03        1.96663
         443222.97    3748797.03        2.04658
443247.97    3748797.03        2.12047
         443272.97    3748797.03        2.16495
443297.97    3748797.03        2.19417
         443372.97    3748797.03        2.27326
443397.97    3748797.03        2.29429
         443422.97    3748797.03        2.31171
443447.97    3748797.03        2.33436
         443472.97    3748797.03        2.35077
443497.97    3748797.03        2.34792
         443522.97    3748797.03        2.35185
443547.97    3748797.03        2.36867
         443572.97    3748797.03        2.39338
443097.97    3748822.03        2.10186
         443122.97    3748822.03        2.13495
443147.97    3748822.03        2.15363
         443172.97    3748822.03        2.17389
443197.97    3748822.03        2.21460
         443222.97    3748822.03        2.27037
443247.97    3748822.03        2.31189
         443272.97    3748822.03        2.34137
443297.97    3748822.03        2.37684
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         443322.97    3748822.03        2.41228
443347.97    3748822.03        2.44694
         443372.97    3748822.03        2.47669
443397.97    3748822.03        2.49059
         443422.97    3748822.03        2.50555
443447.97    3748822.03        2.52045
         443472.97    3748822.03        2.52243
443072.97    3748847.03        2.23182
         443097.97    3748847.03        2.27439
443122.97    3748847.03        2.30790
         443147.97    3748847.03        2.33468
443272.97    3748847.03        2.55377

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 317
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91E56  ***
                                 INCLUDING SOURCE(S):
L0052742    , L0052743    , L0052744    , L0052745    , L0052746    ,
               L0052747    , L0052748    , L0052749    ,
L0052750    , L0052751    , L0052752    , L0052753    , L0052754    ,
               L0052755    , L0052756    , L0052757    ,
L0052758    , L0052759    , L0052760    , L0052761    , L0052762    ,
               L0052763    , L0052764    , L0052765    ,
L0052766    , L0052767    , L0052768    , L0052769    ,  . . .      ,

                                          *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                         ** CONC OF UNITEMIS IN
MICROGRAMS/M**3                           **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443297.97    3748847.03        2.58814
443322.97    3748847.03        2.62758
         443347.97    3748847.03        2.66053
443372.97    3748847.03        2.67764
         443397.97    3748847.03        2.69964
443072.97    3748872.03        2.44345
         443097.97    3748872.03        2.48271
443122.97    3748872.03        2.52152
         443272.97    3748872.03        2.80381
443297.97    3748872.03        2.84524
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         443322.97    3748872.03        2.88451
443347.97    3748872.03        2.89918
         443047.97    3748897.03        2.62348
443072.97    3748897.03        2.66799
         443097.97    3748897.03        2.71884
443122.97    3748897.03        2.76831
         443297.97    3748897.03        3.14208
443322.97    3748897.03        3.17486
         443028.81    3748928.79        2.92116
443047.97    3748922.03        2.88501
         443072.97    3748922.03        2.93753
443097.97    3748922.03        2.99313
         443122.97    3748922.03        3.05231
443147.97    3748922.03        3.10836
         443172.97    3748922.03        3.16235
443003.50    3748951.03        3.15577
         443022.97    3748947.03        3.14102
443047.97    3748947.03        3.20059
         443072.97    3748947.03        3.25144
443097.97    3748947.03        3.31974
         443122.97    3748947.03        3.38587
443147.97    3748947.03        3.45802
         443172.97    3748947.03        3.53670
442977.27    3748975.72        3.44157
         442997.97    3748972.03        3.43190
443022.97    3748972.03        3.49468
         443047.97    3748972.03        3.56909
443072.97    3748972.03        3.63913
         443097.97    3748972.03        3.71938
443122.97    3748972.03        3.80944
         443147.97    3748972.03        3.91631
443172.97    3748972.03        4.03538
         442947.97    3748997.03        3.70317
442972.97    3748997.03        3.76464
         442997.97    3748997.03        3.83596
443022.97    3748997.03        3.91084
         443047.97    3748997.03        4.01230
443072.97    3748997.03        4.11285
         443097.97    3748997.03        4.23379
443122.97    3748997.03        4.38524
         443147.97    3748997.03        4.52751
442922.97    3749022.03        4.11712
         442947.97    3749022.03        4.19672
442972.97    3749022.03        4.29617
         442997.97    3749022.03        4.40446
443022.97    3749022.03        4.50245
         443047.97    3749022.03        4.62752
443072.97    3749022.03        4.75818
         443102.27    3749028.48        5.21996
443118.05    3749011.89        4.77531
         442918.36    3749057.17        5.02493
442947.05    3749054.10        5.06513
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         442972.97    3749047.03        4.98267
442997.97    3749047.03        5.12817
         443018.97    3749057.17        5.60978
443043.67    3749053.18        5.67058
         443072.97    3749047.03        5.68830
442904.73    3749080.33        5.82295
         442925.74    3749077.56        5.86356
442947.97    3749072.03        5.76484
         442972.66    3749064.96        5.63624
443321.39    3748281.81        0.54834
         443345.73    3748282.87        0.56218
443372.19    3748295.57        0.57853
         443398.64    3748320.97        0.59731
443920.42    3747346.84        0.06620
         443920.89    3747371.73        0.06870
443923.71    3747395.21        0.07159
         443922.30    3747421.03        0.07503
443923.24    3747444.04        0.07947

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 318
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91E56  ***
                                 INCLUDING SOURCE(S):
L0052742    , L0052743    , L0052744    , L0052745    , L0052746    ,
                L0052747    , L0052748    , L0052749    ,
L0052750    , L0052751    , L0052752    , L0052753    , L0052754    ,
                L0052755    , L0052756    , L0052757    ,
L0052758    , L0052759    , L0052760    , L0052761    , L0052762    ,
                L0052763    , L0052764    , L0052765    ,
L0052766    , L0052767    , L0052768    , L0052769    ,  . . .      ,

                                              *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                         ** CONC OF UNITEMIS IN
MICROGRAMS/M**3                           **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         442945.03    3749041.56        4.67571

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: SR91EHOV ***
INCLUDING SOURCE(S):
L0053053 , L0053054 , L0053055 , L0053056 , L0053057 , L0053058 , L0053059 , L0053060 ,
L0053061 , L0053062 , L0053063 , L0053064 , L0053065 , L0053066 , L0053067 , L0053068 ,
L0053069 , L0053070 , L0053071 , L0053072 , L0053073 , L0053074 , L0053075 , L0053076 ,
L0053077 , L0053078 , L0053079 , L0053080 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF UNITEMIS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
443922.97	3747147.03	0.03360	443922.97	3747172.03	0.03394
443897.97	3747197.03	0.03457	443922.97	3747197.03	0.03457
443897.97	3747222.03	0.03543	443922.97	3747222.03	0.03541
443947.97	3747222.03	0.03545	443922.97	3747247.03	0.03655
443947.97	3747247.03	0.03692	443922.97	3747272.03	0.03780
443947.97	3747272.03	0.03839	443972.97	3747272.03	0.03941
443922.97	3747297.03	0.03920	443947.97	3747297.03	0.03965
443972.97	3747297.03	0.04063	443922.97	3747322.03	0.04079
443947.97	3747322.03	0.04090	443972.97	3747322.03	0.04157
443947.97	3747347.03	0.04245	443972.97	3747347.03	0.04261
443997.97	3747347.03	0.04308	443947.97	3747372.03	0.04376
443972.97	3747372.03	0.04392	443997.97	3747372.03	0.04416

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         443947.97    3747397.03        0.04515
443972.97    3747397.03        0.04502
         443997.97    3747397.03        0.04537
443947.97    3747422.03        0.04714
         443972.97    3747422.03        0.04666
443997.97    3747422.03        0.04669
         444022.97    3747422.03        0.04966
443947.97    3747447.03        0.04992
         443972.97    3747447.03        0.04895
443997.97    3747447.03        0.04895
         444022.97    3747447.03        0.05160
443922.97    3747472.03        0.05655
         443947.97    3747472.03        0.05340
443972.97    3747472.03        0.05188
         443997.97    3747472.03        0.05236
444022.97    3747472.03        0.05435
         443922.97    3747497.03        0.05882
443947.97    3747497.03        0.05711
         443972.97    3747497.03        0.05548
443997.97    3747497.03        0.05488
         444022.97    3747497.03        0.05565
443922.97    3747522.03        0.06030
         443947.97    3747522.03        0.05914
443972.97    3747522.03        0.05745
         443997.97    3747522.03        0.05681
444022.97    3747522.03        0.05701
         444047.97    3747522.03        0.05777
443922.97    3747547.03        0.06184
         443947.97    3747547.03        0.06128
443972.97    3747547.03        0.05954
         443997.97    3747547.03        0.05886
444022.97    3747547.03        0.05895
         444047.97    3747547.03        0.05947
443922.97    3747572.03        0.06339
         443947.97    3747572.03        0.06304
443972.97    3747572.03        0.06124
         443997.97    3747572.03        0.06082
444022.97    3747572.03        0.06109
         444047.97    3747572.03        0.06155
444072.97    3747572.03        0.06192
         443922.97    3747597.03        0.06528
443947.97    3747597.03        0.06461
         443972.97    3747597.03        0.06300
443997.97    3747597.03        0.06290
         444022.97    3747597.03        0.06335
444047.97    3747597.03        0.06383
         444072.97    3747597.03        0.06420
443922.97    3747622.03        0.06771
         443947.97    3747622.03        0.06645
443972.97    3747622.03        0.06523
         443997.97    3747622.03        0.06514
444022.97    3747622.03        0.06562
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         444047.97    3747622.03        0.06622
444072.97    3747622.03        0.06662
         443922.97    3747647.03        0.07035
443947.97    3747647.03        0.06905

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 320
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91EHOV ***
                                INCLUDING SOURCE(S):
L0053053    , L0053054    , L0053055    , L0053056    , L0053057    ,
               L0053058    , L0053059    , L0053060    ,
L0053061    , L0053062    , L0053063    , L0053064    , L0053065    ,
               L0053066    , L0053067    , L0053068    ,
L0053069    , L0053070    , L0053071    , L0053072    , L0053073    ,
               L0053074    , L0053075    , L0053076    ,
L0053077    , L0053078    , L0053079    , L0053080    ,  . . .      ,

                                          *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                         ** CONC OF UNITEMIS IN
MICROGRAMS/M**3                           **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443972.97    3747647.03        0.06781
443997.97    3747647.03        0.06719
         444022.97    3747647.03        0.06772
444047.97    3747647.03        0.06881
         444072.97    3747647.03        0.06921
443922.97    3747672.03        0.07326
         443947.97    3747672.03        0.07267
443972.97    3747672.03        0.07289
         443997.97    3747672.03        0.07263
444022.97    3747672.03        0.07280
         444047.97    3747672.03        0.07347
444072.97    3747672.03        0.07379
         443922.97    3747697.03        0.07902
443947.97    3747697.03        0.07930
         443972.97    3747697.03        0.07991
443997.97    3747697.03        0.08089
         444022.97    3747697.03        0.08047
444047.97    3747697.03        0.07900
```

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         443922.97    3747722.03        0.08461
443947.97    3747722.03        0.08661
         443972.97    3747722.03        0.08678
443997.97    3747722.03        0.08677
         444022.97    3747722.03        0.08583
444047.97    3747722.03        0.08387
         443922.97    3747747.03        0.08899
443947.97    3747747.03        0.09143
         443972.97    3747747.03        0.09194
443997.97    3747747.03        0.09058
         444022.97    3747747.03        0.08913
443897.97    3747772.03        0.09398
         443922.97    3747772.03        0.09260
443947.97    3747772.03        0.09337
         443972.97    3747772.03        0.09521
443997.97    3747772.03        0.09418
         443897.97    3747797.03        0.09715
443922.97    3747797.03        0.09669
         443947.97    3747797.03        0.09754
443972.97    3747797.03        0.09834
         443997.97    3747797.03        0.09690
443872.97    3747822.03        0.10324
         443897.97    3747822.03        0.10151
443922.97    3747822.03        0.10122
         443947.97    3747822.03        0.10341
443972.97    3747822.03        0.10438
         443997.97    3747822.03        0.10088
443872.97    3747847.03        0.10663
         443897.97    3747847.03        0.10558
443922.97    3747847.03        0.10742
         443947.97    3747847.03        0.11123
443972.97    3747847.03        0.11844
         443997.97    3747847.03        0.10831
443847.97    3747872.03        0.11150
         443872.97    3747872.03        0.11051
443897.97    3747872.03        0.10948
         443922.97    3747872.03        0.11370
443947.97    3747872.03        0.12252
         443972.97    3747872.03        0.12997
443997.97    3747872.03        0.11477
         443847.97    3747897.03        0.12006
443872.97    3747897.03        0.11953
         443897.97    3747897.03        0.11418
443922.97    3747897.03        0.11698
         443947.97    3747897.03        0.13493
443972.97    3747897.03        0.13571
         443847.97    3747922.03        0.13247
443872.97    3747922.03        0.13472
         443897.97    3747922.03        0.12290
443922.97    3747922.03        0.12132
         443947.97    3747922.03        0.14482
443972.97    3747922.03        0.13850
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         443872.97    3747947.03        0.14553
443897.97    3747947.03        0.14233
         443922.97    3747947.03        0.14449
443947.97    3747947.03        0.15099
         443872.97    3747972.03        0.15296
443897.97    3747972.03        0.15313
         443922.97    3747972.03        0.15629
443947.97    3747972.03        0.15402
         443872.97    3747997.03        0.16091
443897.97    3747997.03        0.16305

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 321
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91EHOV ***
                                INCLUDING SOURCE(S):
L0053053    , L0053054    , L0053055    , L0053056    , L0053057    ,
               L0053058    , L0053059    , L0053060    ,
L0053061    , L0053062    , L0053063    , L0053064    , L0053065    ,
               L0053066    , L0053067    , L0053068    ,
L0053069    , L0053070    , L0053071    , L0053072    , L0053073    ,
               L0053074    , L0053075    , L0053076    ,
L0053077    , L0053078    , L0053079    , L0053080    ,  . . .      ,

                                          *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                        ** CONC OF UNITEMIS IN
MICROGRAMS/M**3                          **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443922.97    3747997.03        0.16311
443947.97    3747997.03        0.15914
         443897.97    3748022.03        0.17064
443922.97    3748022.03        0.16909
         443947.97    3748022.03        0.16497
443972.97    3748022.03        0.15703
         443897.97    3748047.03        0.17707
443922.97    3748047.03        0.17530
         443947.97    3748047.03        0.16990
443972.97    3748047.03        0.16388
         443997.97    3748047.03        0.15811
443897.97    3748072.03        0.18391
```

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         443922.97    3748072.03        0.18179
443947.97    3748072.03        0.17414
         443972.97    3748072.03        0.16968
443997.97    3748072.03        0.16589
         444022.97    3748072.03        0.16359
443897.97    3748097.03        0.19116
         443922.97    3748097.03        0.18887
443947.97    3748097.03        0.18108
         443972.97    3748097.03        0.17654
443997.97    3748097.03        0.17438
         444022.97    3748097.03        0.17300
444047.97    3748097.03        0.17165
         443897.97    3748122.03        0.19796
443922.97    3748122.03        0.19387
         443947.97    3748122.03        0.19156
443972.97    3748122.03        0.18965
         443997.97    3748122.03        0.18598
444022.97    3748122.03        0.18171
         444047.97    3748122.03        0.17943
444072.97    3748122.03        0.18141
         443872.97    3748147.03        0.21339
443897.97    3748147.03        0.21157
         443922.97    3748147.03        0.20456
443947.97    3748147.03        0.20316
         443972.97    3748147.03        0.20172
443997.97    3748147.03        0.19568
         444022.97    3748147.03        0.19086
444047.97    3748147.03        0.18990
         444072.97    3748147.03        0.19209
444097.97    3748147.03        0.19531
         443872.97    3748172.03        0.22873
443897.97    3748172.03        0.22876
         443922.97    3748172.03        0.21967
443947.97    3748172.03        0.21603
         443972.97    3748172.03        0.21045
443997.97    3748172.03        0.20516
         444022.97    3748172.03        0.20200
444047.97    3748172.03        0.20170
         444072.97    3748172.03        0.20396
444097.97    3748172.03        0.20623
         444122.97    3748172.03        0.20283
443847.97    3748197.03        0.24497
         443872.97    3748197.03        0.24912
443897.97    3748197.03        0.24859
         443922.97    3748197.03        0.23816
443947.97    3748197.03        0.23204
         443972.97    3748197.03        0.22208
443997.97    3748197.03        0.21720
         444022.97    3748197.03        0.21567
444047.97    3748197.03        0.21643
         444072.97    3748197.03        0.21850
444097.97    3748197.03        0.21793
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         444122.97    3748197.03        0.21232
444147.97    3748197.03        0.20271
         443822.97    3748222.03        0.26728
443847.97    3748222.03        0.27852
         443872.97    3748222.03        0.27931
443897.97    3748222.03        0.27251
         443922.97    3748222.03        0.26053
443947.97    3748222.03        0.25366
         443972.97    3748222.03        0.24247
443997.97    3748222.03        0.23493
         444022.97    3748222.03        0.23309
444047.97    3748222.03        0.23501
         444072.97    3748222.03        0.23566
444097.97    3748222.03        0.22828
         444122.97    3748222.03        0.22118
444147.97    3748222.03        0.20911

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 322
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91EHOV ***
                                 INCLUDING SOURCE(S):
L0053053    , L0053054    , L0053055    , L0053056    , L0053057    ,
               L0053058    , L0053059    , L0053060    ,
L0053061    , L0053062    , L0053063    , L0053064    , L0053065    ,
               L0053066    , L0053067    , L0053068    ,
L0053069    , L0053070    , L0053071    , L0053072    , L0053073    ,
               L0053074    , L0053075    , L0053076    ,
L0053077    , L0053078    , L0053079    , L0053080    ,  . . .      ,

                                        *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                       ** CONC OF UNITEMIS IN
MICROGRAMS/M**3                         **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443797.97    3748247.03        0.27260
443822.97    3748247.03        0.30230
         443847.97    3748247.03        0.31759
443872.97    3748247.03        0.31582
         443897.97    3748247.03        0.30438
443922.97    3748247.03        0.29096
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         443947.97    3748247.03        0.28297
443972.97    3748247.03        0.26970
         443997.97    3748247.03        0.26103
444022.97    3748247.03        0.25678
         444047.97    3748247.03        0.25477
444072.97    3748247.03        0.25107
         444097.97    3748247.03        0.23912
444122.97    3748247.03        0.22810
         443772.97    3748272.03        0.31226
443797.97    3748272.03        0.33644
         443822.97    3748272.03        0.33659
443847.97    3748272.03        0.33656
         443872.97    3748272.03        0.33536
443897.97    3748272.03        0.33014
         443922.97    3748272.03        0.31803
443997.97    3748272.03        0.28577
         444022.97    3748272.03        0.28098
444047.97    3748272.03        0.27544
         444072.97    3748272.03        0.26280
444097.97    3748272.03        0.24618
         443747.97    3748297.03        0.34041
443772.97    3748297.03        0.34629
         443797.97    3748297.03        0.36106
443822.97    3748297.03        0.35647
         443847.97    3748297.03        0.35427
443872.97    3748297.03        0.35103
         444022.97    3748297.03        0.30637
444047.97    3748297.03        0.29324
         444072.97    3748297.03        0.27132
443322.97    3748322.03        0.36570
         443347.97    3748322.03        0.37192
443372.97    3748322.03        0.37379
         443697.97    3748322.03        0.37494
443722.97    3748322.03        0.37416
         443747.97    3748322.03        0.37824
443772.97    3748322.03        0.37590
         443797.97    3748322.03        0.37722
443822.97    3748322.03        0.37423
         443847.97    3748322.03        0.37031
443997.97    3748322.03        0.35111
         444022.97    3748322.03        0.33478
444047.97    3748322.03        0.30858
         444072.97    3748322.03        0.28032
443322.97    3748347.03        0.38423
         443347.97    3748347.03        0.38917
443372.97    3748347.03        0.39300
         443397.97    3748347.03        0.39124
443697.97    3748347.03        0.40535
         443722.97    3748347.03        0.40310
443747.97    3748347.03        0.40151
         443772.97    3748347.03        0.39874
443797.97    3748347.03        0.39470
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         443972.97    3748347.03        0.38401
443997.97    3748347.03        0.37852
         444022.97    3748347.03        0.36086
444047.97    3748347.03        0.32253
         443322.97    3748372.03        0.40699
443347.97    3748372.03        0.41129
         443372.97    3748372.03        0.41762
443397.97    3748372.03        0.41607
         443422.97    3748372.03        0.41622
443647.97    3748372.03        0.44196
         443672.97    3748372.03        0.44431
443697.97    3748372.03        0.43930
         443722.97    3748372.03        0.43072
443747.97    3748372.03        0.42128
         443772.97    3748372.03        0.41706
443972.97    3748372.03        0.40832
         443997.97    3748372.03        0.40026
444022.97    3748372.03        0.38200
         443322.97    3748397.03        0.43278
443347.97    3748397.03        0.44764
         443372.97    3748397.03        0.45004
443397.97    3748397.03        0.44412

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 323
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91EHOV ***
                                 INCLUDING SOURCE(S):
L0053053    , L0053054    , L0053055    , L0053056    , L0053057    ,
               L0053058    , L0053059    , L0053060    ,
L0053061    , L0053062    , L0053063    , L0053064    , L0053065    ,
               L0053066    , L0053067    , L0053068    ,
L0053069    , L0053070    , L0053071    , L0053072    , L0053073    ,
               L0053074    , L0053075    , L0053076    ,
L0053077    , L0053078    , L0053079    , L0053080    ,  . . .      ,

                                          *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                         ** CONC OF UNITEMIS IN
MICROGRAMS/M**3                           **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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```
         443422.97    3748397.03        0.44779
443447.97    3748397.03        0.45594
         443597.97    3748397.03        0.44565
443622.97    3748397.03        0.43465
         443647.97    3748397.03        0.48736
443672.97    3748397.03        0.49086
         443697.97    3748397.03        0.47194
443722.97    3748397.03        0.44934
         443747.97    3748397.03        0.44114
443947.97    3748397.03        0.43782
         443972.97    3748397.03        0.43585
443997.97    3748397.03        0.42527
         444022.97    3748397.03        0.40658
443322.97    3748422.03        0.45782
         443347.97    3748422.03        0.50011
443372.97    3748422.03        0.47564
         443397.97    3748422.03        0.46793
443422.97    3748422.03        0.48230
         443447.97    3748422.03        0.50041
443472.97    3748422.03        0.50386
         443547.97    3748422.03        0.49268
443572.97    3748422.03        0.49169
         443597.97    3748422.03        0.49660
443622.97    3748422.03        0.51196
         443647.97    3748422.03        0.51936
443672.97    3748422.03        0.50608
         443697.97    3748422.03        0.48536
443722.97    3748422.03        0.47476
         443947.97    3748422.03        0.46455
443972.97    3748422.03        0.46225
         443997.97    3748422.03        0.43918
443322.97    3748447.03        0.51613
         443347.97    3748447.03        0.53160
443372.97    3748447.03        0.51304
         443422.97    3748447.03        0.52427
443447.97    3748447.03        0.54542
         443472.97    3748447.03        0.55160
443497.97    3748447.03        0.54847
         443522.97    3748447.03        0.54995
443547.97    3748447.03        0.55299
         443572.97    3748447.03        0.54978
443597.97    3748447.03        0.54508
         443622.97    3748447.03        0.54940
443647.97    3748447.03        0.55041
         443672.97    3748447.03        0.51671
443697.97    3748447.03        0.49229
         443922.97    3748447.03        0.49645
443947.97    3748447.03        0.49410
         443972.97    3748447.03        0.47987
443297.97    3748472.03        0.55325
         443322.97    3748472.03        0.55731
443347.97    3748472.03        0.52919
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         443422.97    3748472.03        0.56747
443447.97    3748472.03        0.58355
         443472.97    3748472.03        0.58793
443497.97    3748472.03        0.58975
         443522.97    3748472.03        0.59122
443547.97    3748472.03        0.58927
         443572.97    3748472.03        0.57590
443597.97    3748472.03        0.55446
         443622.97    3748472.03        0.56127
443647.97    3748472.03        0.55608
         443672.97    3748472.03        0.53141
443897.97    3748472.03        0.53112
         443922.97    3748472.03        0.52804
443947.97    3748472.03        0.51975
         443972.97    3748472.03        0.48573
443297.97    3748497.03        0.58296
         443322.97    3748497.03        0.58479
443347.97    3748497.03        0.55386
         443397.97    3748497.03        0.58061
443422.97    3748497.03        0.60432
         443447.97    3748497.03        0.61744
443472.97    3748497.03        0.62148
         443497.97    3748497.03        0.62380
443522.97    3748497.03        0.62505
         443547.97    3748497.03        0.61369
443572.97    3748497.03        0.59378
         443597.97    3748497.03        0.58163
443622.97    3748497.03        0.58685

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 324
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91EHOV ***
                                  INCLUDING SOURCE(S):
L0053053    , L0053054    , L0053055    , L0053056    , L0053057    ,
                L0053058    , L0053059    , L0053060    ,
L0053061    , L0053062    , L0053063    , L0053064    , L0053065    ,
                L0053066    , L0053067    , L0053068    ,
L0053069    , L0053070    , L0053071    , L0053072    , L0053073    ,
                L0053074    , L0053075    , L0053076    ,
L0053077    , L0053078    , L0053079    , L0053080    ,  . . .      ,

                                                 *** DISCRETE CARTESIAN
RECEPTOR POINTS ***
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** CONC OF UNITEMIS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
443647.97	3748497.03	0.58218	443897.97	3748497.03	0.56746
443922.97	3748497.03	0.56335	443947.97	3748497.03	0.54627
443272.97	3748522.03	0.61152	443297.97	3748522.03	0.61625
443322.97	3748522.03	0.60807	443397.97	3748522.03	0.62572
443422.97	3748522.03	0.64814	443447.97	3748522.03	0.65450
443472.97	3748522.03	0.65741	443497.97	3748522.03	0.66002
443522.97	3748522.03	0.65523	443547.97	3748522.03	0.60929
443572.97	3748522.03	0.58328	443597.97	3748522.03	0.59933
443622.97	3748522.03	0.60558	443647.97	3748522.03	0.59991
443872.97	3748522.03	0.60964	443897.97	3748522.03	0.60694
443922.97	3748522.03	0.59854	443272.97	3748547.03	0.65721
443297.97	3748547.03	0.65182	443322.97	3748547.03	0.62211
443422.97	3748547.03	0.68989	443447.97	3748547.03	0.69330
443472.97	3748547.03	0.69460	443497.97	3748547.03	0.69483
443522.97	3748547.03	0.63353	443547.97	3748547.03	0.62034
443572.97	3748547.03	0.61434	443597.97	3748547.03	0.61032
443622.97	3748547.03	0.63641	443647.97	3748547.03	0.63128
443672.97	3748547.03	0.62534	443847.97	3748547.03	0.65601
443872.97	3748547.03	0.65472	443897.97	3748547.03	0.64790
443922.97	3748547.03	0.62455	443247.97	3748572.03	0.66922
443272.97	3748572.03	0.69188	443297.97	3748572.03	0.69227
443322.97	3748572.03	0.67089	443422.97	3748572.03	0.73233

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         443447.97    3748572.03        0.73722
443472.97    3748572.03        0.73924
         443497.97    3748572.03        0.70962
443522.97    3748572.03        0.67027
         443547.97    3748572.03        0.65304
443572.97    3748572.03        0.64940
         443597.97    3748572.03        0.65316
443622.97    3748572.03        0.66135
         443647.97    3748572.03        0.66451
443672.97    3748572.03        0.67579
         443697.97    3748572.03        0.68168
443822.97    3748572.03        0.71566
         443847.97    3748572.03        0.71081
443872.97    3748572.03        0.70198
         443897.97    3748572.03        0.68662
443247.97    3748597.03        0.71598
         443272.97    3748597.03        0.73176
443297.97    3748597.03        0.73704
         443397.97    3748597.03        0.77149
443422.97    3748597.03        0.77908
         443447.97    3748597.03        0.78170
443472.97    3748597.03        0.77115
         443497.97    3748597.03        0.73880
443572.97    3748597.03        0.71084
         443597.97    3748597.03        0.71746
443622.97    3748597.03        0.72379
         443647.97    3748597.03        0.72976
443672.97    3748597.03        0.73832
         443697.97    3748597.03        0.75595
443722.97    3748597.03        0.77534
         443797.97    3748597.03        0.78611
443822.97    3748597.03        0.77713
         443847.97    3748597.03        0.76339
443872.97    3748597.03        0.75021
         443222.97    3748622.03        0.76064
443247.97    3748622.03        0.77105

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 325
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91EHOV ***
                                  INCLUDING SOURCE(S):
L0053053    , L0053054    , L0053055    , L0053056    , L0053057    ,
               L0053058    , L0053059    , L0053060    ,
L0053061    , L0053062    , L0053063    , L0053064    , L0053065    ,
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                L0053066    , L0053067    , L0053068    ,
L0053069    , L0053070    , L0053071    , L0053072    , L0053073    ,
                L0053074    , L0053075    , L0053076    ,
L0053077    , L0053078    , L0053079    , L0053080    ,  . . .      ,

                                          *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                         ** CONC OF UNITEMIS IN
MICROGRAMS/M**3                           **

       X-COORD (M)   Y-COORD (M)        CONC                       X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443272.97    3748622.03        0.77851
443297.97    3748622.03        0.78341
         443397.97    3748622.03        0.82311
443422.97    3748622.03        0.83080
         443447.97    3748622.03        0.83080
443472.97    3748622.03        0.80499
         443597.97    3748622.03        0.79994
443622.97    3748622.03        0.80776
         443647.97    3748622.03        0.81506
443672.97    3748622.03        0.82679
         443697.97    3748622.03        0.84762
443722.97    3748622.03        0.86495
         443747.97    3748622.03        0.87096
443772.97    3748622.03        0.87207
         443797.97    3748622.03        0.86753
443822.97    3748622.03        0.84223
         443847.97    3748622.03        0.82373
443222.97    3748647.03        0.82176
         443247.97    3748647.03        0.82648
443272.97    3748647.03        0.82977
         443372.97    3748647.03        0.87021
443397.97    3748647.03        0.87929
         443422.97    3748647.03        0.88416
443447.97    3748647.03        0.87889
         443622.97    3748647.03        0.90088
443647.97    3748647.03        0.91406
         443672.97    3748647.03        0.92675
443697.97    3748647.03        0.93944
         443722.97    3748647.03        0.94676
443747.97    3748647.03        0.94939
         443772.97    3748647.03        0.94967
443797.97    3748647.03        0.94556
         443822.97    3748647.03        0.91359
443197.97    3748672.03        0.88024
         443222.97    3748672.03        0.88473
443247.97    3748672.03        0.88227
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         443272.97    3748672.03        0.88662
443347.97    3748672.03        0.92562
         443372.97    3748672.03        0.93151
443397.97    3748672.03        0.93881
         443422.97    3748672.03        0.93179
443572.97    3748672.03        0.97846
         443597.97    3748672.03        0.98666
443622.97    3748672.03        0.99615
         443647.97    3748672.03        1.00914
443672.97    3748672.03        1.01746
         443697.97    3748672.03        1.02427
443722.97    3748672.03        1.02937
         443747.97    3748672.03        1.03198
443772.97    3748672.03        1.03019
         443797.97    3748672.03        1.01280
443197.97    3748697.03        0.93627
         443222.97    3748697.03        0.93617
443247.97    3748697.03        0.94127
         443347.97    3748697.03        0.99582
443372.97    3748697.03        0.99781
         443397.97    3748697.03        0.98826
443522.97    3748697.03        1.06394
         443547.97    3748697.03        1.07679
443572.97    3748697.03        1.08448
         443597.97    3748697.03        1.08811
443622.97    3748697.03        1.09405
         443647.97    3748697.03        1.09951
443672.97    3748697.03        1.10914
         443697.97    3748697.03        1.11791
443722.97    3748697.03        1.12251
         443747.97    3748697.03        1.12387
443772.97    3748697.03        1.11541
         443172.97    3748722.03        0.99161
443197.97    3748722.03        1.00328
         443222.97    3748722.03        0.99485
443247.97    3748722.03        0.99538
         443322.97    3748722.03        1.06251
443347.97    3748722.03        1.06886
         443372.97    3748722.03        1.07421
443472.97    3748722.03        1.13453
         443497.97    3748722.03        1.14490
443522.97    3748722.03        1.16049
         443547.97    3748722.03        1.17300
443572.97    3748722.03        1.18371

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 326
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: SR91EHOV ***

INCLUDING SOURCE(S):

L0053053 , L0053054 , L0053055 , L0053056 , L0053057 , L0053058 , L0053059 , L0053060 , L0053061 , L0053062 , L0053063 , L0053064 , L0053065 , L0053066 , L0053067 , L0053068 , L0053069 , L0053070 , L0053071 , L0053072 , L0053073 , L0053074 , L0053075 , L0053076 , L0053077 , L0053078 , L0053079 , L0053080 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF UNITEMIS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
443597.97	3748722.03	1.19029	443622.97	3748722.03	1.19486
443647.97	3748722.03	1.20264	443672.97	3748722.03	1.21482
443697.97	3748722.03	1.22603	443722.97	3748722.03	1.22744
443747.97	3748722.03	1.20704	443172.97	3748747.03	1.06219
443197.97	3748747.03	1.07269	443222.97	3748747.03	1.04812
443297.97	3748747.03	1.13175	443322.97	3748747.03	1.14529
443347.97	3748747.03	1.15728	443447.97	3748747.03	1.21965
443472.97	3748747.03	1.23522	443497.97	3748747.03	1.24995
443522.97	3748747.03	1.26404	443547.97	3748747.03	1.27870
443572.97	3748747.03	1.29062	443597.97	3748747.03	1.29723
443622.97	3748747.03	1.30647	443647.97	3748747.03	1.31551
443672.97	3748747.03	1.33164	443697.97	3748747.03	1.34280
443722.97	3748747.03	1.33810	443147.97	3748772.03	1.13057
443172.97	3748772.03	1.14187	443197.97	3748772.03	1.13443
443222.97	3748772.03	1.13417	443297.97	3748772.03	1.22393

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         443322.97    3748772.03        1.23945
443397.97    3748772.03        1.29356
         443422.97    3748772.03        1.31198
443447.97    3748772.03        1.33040
         443472.97    3748772.03        1.34795
443497.97    3748772.03        1.36479
         443522.97    3748772.03        1.37784
443547.97    3748772.03        1.39078
         443572.97    3748772.03        1.40406
443597.97    3748772.03        1.41440
         443622.97    3748772.03        1.42795
443647.97    3748772.03        1.44488
         443122.97    3748797.03        1.20344
443147.97    3748797.03        1.21926
         443172.97    3748797.03        1.23235
443197.97    3748797.03        1.22297
         443222.97    3748797.03        1.25996
443247.97    3748797.03        1.29298
         443272.97    3748797.03        1.31159
443297.97    3748797.03        1.32985
         443372.97    3748797.03        1.39402
443397.97    3748797.03        1.41645
         443422.97    3748797.03        1.43645
443447.97    3748797.03        1.45596
         443472.97    3748797.03        1.47425
443497.97    3748797.03        1.48508
         443522.97    3748797.03        1.49579
443547.97    3748797.03        1.51517
         443572.97    3748797.03        1.53598
443097.97    3748822.03        1.28304
         443122.97    3748822.03        1.30329
443147.97    3748822.03        1.32005
         443172.97    3748822.03        1.33873
443197.97    3748822.03        1.36304
         443222.97    3748822.03        1.38901
443247.97    3748822.03        1.41086
         443272.97    3748822.03        1.43307
443297.97    3748822.03        1.45527
         443322.97    3748822.03        1.47819
443347.97    3748822.03        1.50199
         443372.97    3748822.03        1.53357
443397.97    3748822.03        1.55983
         443422.97    3748822.03        1.57892
443447.97    3748822.03        1.59802
         443472.97    3748822.03        1.61043
443072.97    3748847.03        1.37434
         443097.97    3748847.03        1.40177
443122.97    3748847.03        1.42026
         443147.97    3748847.03        1.44279
443272.97    3748847.03        1.57794
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES
AVERAGED OVER 5 YEARS FOR SOURCE GROUP: SR91EHOV ***
INCLUDING SOURCE(S):
L0053053 , L0053054 , L0053055 , L0053056 , L0053057 ,
L0053058 , L0053059 , L0053060 ,
L0053061 , L0053062 , L0053063 , L0053064 , L0053065 ,
L0053066 , L0053067 , L0053068 ,
L0053069 , L0053070 , L0053071 , L0053072 , L0053073 ,
L0053074 , L0053075 , L0053076 ,
L0053077 , L0053078 , L0053079 , L0053080 , . . . ,

*** DISCRETE CARTESIAN
RECEPTOR POINTS ***

** CONC OF UNITEMIS IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
443297.97	3748847.03	1.60780			
443322.97	3748847.03	1.63828			
443347.97	3748847.03	1.66954			
443372.97	3748847.03	1.69767			
443397.97	3748847.03	1.72026			
443072.97	3748872.03	1.51135			
443097.97	3748872.03	1.53843			
443122.97	3748872.03	1.56545			
443272.97	3748872.03	1.74882			
443297.97	3748872.03	1.78950			
443322.97	3748872.03	1.82763			
443347.97	3748872.03	1.85901			
443047.97	3748897.03	1.63669			
443072.97	3748897.03	1.66771			
443097.97	3748897.03	1.70147			
443122.97	3748897.03	1.73636			
443297.97	3748897.03	2.01498			
443322.97	3748897.03	2.05678			
443028.81	3748928.79	1.84485			
443047.97	3748922.03	1.81542			
443072.97	3748922.03	1.85695			
443097.97	3748922.03	1.89772			

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         443122.97    3748922.03        1.93745
443147.97    3748922.03        1.97505
         443172.97    3748922.03        2.01138
443003.50    3748951.03        1.99827
         443022.97    3748947.03        1.99356
443047.97    3748947.03        2.03102
         443072.97    3748947.03        2.08900
443097.97    3748947.03        2.13680
         443122.97    3748947.03        2.18447
443147.97    3748947.03        2.23696
         443172.97    3748947.03        2.29774
442977.27    3748975.72        2.20440
         442997.97    3748972.03        2.19802
443022.97    3748972.03        2.24854
         443047.97    3748972.03        2.31409
443072.97    3748972.03        2.38247
         443097.97    3748972.03        2.44601
443122.97    3748972.03        2.51857
         443147.97    3748972.03        2.60558
443172.97    3748972.03        2.69985
         442947.97    3748997.03        2.41050
442972.97    3748997.03        2.46314
         442997.97    3748997.03        2.52354
443022.97    3748997.03        2.58796
         443047.97    3748997.03        2.67349
443072.97    3748997.03        2.76452
         443097.97    3748997.03        2.87604
443122.97    3748997.03        3.00445
         443147.97    3748997.03        3.12889
442922.97    3749022.03        2.75157
         442947.97    3749022.03        2.82320
442972.97    3749022.03        2.91097
         442997.97    3749022.03        3.00760
443022.97    3749022.03        3.09920
         443047.97    3749022.03        3.21957
443072.97    3749022.03        3.34642
         443102.27    3749028.48        3.77395
443118.05    3749011.89        3.35513
         442918.36    3749057.17        3.57981
442947.05    3749054.10        3.62403
         442972.97    3749047.03        3.54315
442997.97    3749047.03        3.68565
         443018.97    3749057.17        4.18189
443043.67    3749053.18        4.24742
         443072.97    3749047.03        4.24197
442904.73    3749080.33        4.39727
         442925.74    3749077.56        4.44189
442947.97    3749072.03        4.33946
         442972.66    3749064.96        4.20209
443321.39    3748281.81        0.33668
         443345.73    3748282.87        0.34618
443372.19    3748295.57        0.35655
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         443398.64    3748320.97        0.36887
443920.42    3747346.84        0.04231
         443920.89    3747371.73        0.04393
443923.71    3747395.21        0.04578
         443922.30    3747421.03        0.04801
443923.24    3747444.04        0.05085

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 328
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91EHOV ***
                                INCLUDING SOURCE(S):
L0053053    , L0053054    , L0053055    , L0053056    , L0053057    ,
                L0053058    , L0053059    , L0053060    ,
L0053061    , L0053062    , L0053063    , L0053064    , L0053065    ,
                L0053066    , L0053067    , L0053068    ,
L0053069    , L0053070    , L0053071    , L0053072    , L0053073    ,
                L0053074    , L0053075    , L0053076    ,
L0053077    , L0053078    , L0053079    , L0053080    ,  . . .      ,

                                             *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                           ** CONC OF UNITEMIS IN
MICROGRAMS/M**3                             **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         442945.03    3749041.56        3.25236

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 329
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91ERAM ***
                                INCLUDING SOURCE(S):
L0053747    , L0053748    , L0053749    , L0053750    , L0053751    ,
                L0053752    , L0053753    , L0053754    ,
L0053755    , L0053756    , L0053757    , L0053758    , L0053759    ,
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                L0053760    , L0053761    , L0053762    ,
L0053763    , L0053764    , L0053765    , L0053766    , L0053767    ,
                L0053768    , L0053769    , L0053770    ,
L0053771    , L0053772    , L0053773    , L0053774    ,  . . .      ,

                                          *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                         ** CONC OF UNITEMIS IN
MICROGRAMS/M**3                           **

       X-COORD (M)   Y-COORD (M)        CONC                       X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443922.97    3747147.03        0.02899
443922.97    3747172.03        0.02933
         443897.97    3747197.03        0.02974
443922.97    3747197.03        0.02984
         443897.97    3747222.03        0.03038
443922.97    3747222.03        0.03048
         443947.97    3747222.03        0.03063
443922.97    3747247.03        0.03129
         443947.97    3747247.03        0.03162
443922.97    3747272.03        0.03216
         443947.97    3747272.03        0.03262
443972.97    3747272.03        0.03331
         443922.97    3747297.03        0.03312
443947.97    3747297.03        0.03352
         443972.97    3747297.03        0.03420
443922.97    3747322.03        0.03420
         443947.97    3747322.03        0.03442
443972.97    3747322.03        0.03495
         443947.97    3747347.03        0.03549
443972.97    3747347.03        0.03575
         443997.97    3747347.03        0.03617
443947.97    3747372.03        0.03644
         443972.97    3747372.03        0.03671
443997.97    3747372.03        0.03700
         443947.97    3747397.03        0.03745
443972.97    3747397.03        0.03755
         443997.97    3747397.03        0.03791
443947.97    3747422.03        0.03877
         443972.97    3747422.03        0.03869
443997.97    3747422.03        0.03887
         444022.97    3747422.03        0.04065
443947.97    3747447.03        0.04051
         443972.97    3747447.03        0.04018
443997.97    3747447.03        0.04034
         444022.97    3747447.03        0.04196
443922.97    3747472.03        0.04417
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         443947.97    3747472.03        0.04265
443972.97    3747472.03        0.04201
         443997.97    3747472.03        0.04245
444022.97    3747472.03        0.04372
         443922.97    3747497.03        0.04566
443947.97    3747497.03        0.04493
         443972.97    3747497.03        0.04422
443997.97    3747497.03        0.04406
         444022.97    3747497.03        0.04466
443922.97    3747522.03        0.04670
         443947.97    3747522.03        0.04627
443972.97    3747522.03        0.04553
         443997.97    3747522.03        0.04535
444022.97    3747522.03        0.04562
         444047.97    3747522.03        0.04620
443922.97    3747547.03        0.04776
         443947.97    3747547.03        0.04767
443972.97    3747547.03        0.04690
         443997.97    3747547.03        0.04670
444022.97    3747547.03        0.04690
         444047.97    3747547.03        0.04734
443922.97    3747572.03        0.04883
         443947.97    3747572.03        0.04885
443972.97    3747572.03        0.04805
         443997.97    3747572.03        0.04799
444022.97    3747572.03        0.04829
         444047.97    3747572.03        0.04869
444072.97    3747572.03        0.04903
         443922.97    3747597.03        0.05008
443947.97    3747597.03        0.04992
         443972.97    3747597.03        0.04922
443997.97    3747597.03        0.04933
         444022.97    3747597.03        0.04973
444047.97    3747597.03        0.05014
         444072.97    3747597.03        0.05049
443922.97    3747622.03        0.05161
         443947.97    3747622.03        0.05112
443972.97    3747622.03        0.05064
         443997.97    3747622.03        0.05074
444022.97    3747622.03        0.05116
         444047.97    3747622.03        0.05164
444072.97    3747622.03        0.05200
         443922.97    3747647.03        0.05324
443947.97    3747647.03        0.05273

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 330
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: SR91ERAM ***
INCLUDING SOURCE(S):

L0053747 , L0053748 , L0053749 , L0053750 , L0053751 ,
L0053752 , L0053753 , L0053754 ,
L0053755 , L0053756 , L0053757 , L0053758 , L0053759 ,
L0053760 , L0053761 , L0053762 ,
L0053763 , L0053764 , L0053765 , L0053766 , L0053767 ,
L0053768 , L0053769 , L0053770 ,
L0053771 , L0053772 , L0053773 , L0053774 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF UNITEMIS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
443972.97	3747647.03	0.05222	443997.97	3747647.03	0.05205
444022.97	3747647.03	0.05249	444047.97	3747647.03	0.05324
444072.97	3747647.03	0.05361	443922.97	3747672.03	0.05501
443947.97	3747672.03	0.05487	443972.97	3747672.03	0.05517
443997.97	3747672.03	0.05520	444022.97	3747672.03	0.05545
444047.97	3747672.03	0.05599	444072.97	3747672.03	0.05632
443922.97	3747697.03	0.05831	443947.97	3747697.03	0.05866
443972.97	3747697.03	0.05919	443997.97	3747697.03	0.05992
444022.97	3747697.03	0.05986	444047.97	3747697.03	0.05921
443922.97	3747722.03	0.06151	443947.97	3747722.03	0.06283
443972.97	3747722.03	0.06311	443997.97	3747722.03	0.06331
444022.97	3747722.03	0.06297	444047.97	3747722.03	0.06205
443922.97	3747747.03	0.06400	443947.97	3747747.03	0.06557
443972.97	3747747.03	0.06606	443997.97	3747747.03	0.06549
444022.97	3747747.03	0.06488	443897.97	3747772.03	0.06660

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         443922.97    3747772.03        0.06604
443947.97    3747772.03        0.06667
         443972.97    3747772.03        0.06790
443997.97    3747772.03        0.06754
         443897.97    3747797.03        0.06836
443922.97    3747797.03        0.06833
         443947.97    3747797.03        0.06900
443972.97    3747797.03        0.06966
         443997.97    3747797.03        0.06909
443872.97    3747822.03        0.07149
         443897.97    3747822.03        0.07076
443922.97    3747822.03        0.07082
         443947.97    3747822.03        0.07224
443972.97    3747822.03        0.07300
         443997.97    3747822.03        0.07134
443872.97    3747847.03        0.07332
         443897.97    3747847.03        0.07297
443922.97    3747847.03        0.07419
         443947.97    3747847.03        0.07648
443972.97    3747847.03        0.08049
         443997.97    3747847.03        0.07543
443847.97    3747872.03        0.07569
         443872.97    3747872.03        0.07538
443897.97    3747872.03        0.07506
         443922.97    3747872.03        0.07757
443947.97    3747872.03        0.08244
         443972.97    3747872.03        0.08633
443997.97    3747872.03        0.07896
         443847.97    3747897.03        0.08023
443872.97    3747897.03        0.08018
         443897.97    3747897.03        0.07757
443922.97    3747897.03        0.07932
         443947.97    3747897.03        0.08869
443972.97    3747897.03        0.08927
         443847.97    3747922.03        0.08671
443872.97    3747922.03        0.08807
         443897.97    3747922.03        0.08218
443922.97    3747922.03        0.08164
         443947.97    3747922.03        0.09351
443972.97    3747922.03        0.09085
         443872.97    3747947.03        0.09349
443897.97    3747947.03        0.09213
         443922.97    3747947.03        0.09340
443947.97    3747947.03        0.09659
         443872.97    3747972.03        0.09716
443897.97    3747972.03        0.09744
         443922.97    3747972.03        0.09909
443947.97    3747972.03        0.09832
         443872.97    3747997.03        0.10104
443897.97    3747997.03        0.10222
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES
AVERAGED OVER 5 YEARS FOR SOURCE GROUP: SR91ERAM ***
INCLUDING SOURCE(S):
L0053747 , L0053748 , L0053749 , L0053750 , L0053751 ,
L0053752 , L0053753 , L0053754 ,
L0053755 , L0053756 , L0053757 , L0053758 , L0053759 ,
L0053760 , L0053761 , L0053762 ,
L0053763 , L0053764 , L0053765 , L0053766 , L0053767 ,
L0053768 , L0053769 , L0053770 ,
L0053771 , L0053772 , L0053773 , L0053774 , . . . ,

*** DISCRETE CARTESIAN
RECEPTOR POINTS ***

** CONC OF UNITEMIS IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
443922.97	3747997.03	0.10246	443947.97	3747997.03	0.10099
443897.97	3748022.03	0.10592	443922.97	3748022.03	0.10550
443947.97	3748022.03	0.10401	443972.97	3748022.03	0.10083
443897.97	3748047.03	0.10913	443922.97	3748047.03	0.10866
443947.97	3748047.03	0.10667	443972.97	3748047.03	0.10441
443997.97	3748047.03	0.10227	443897.97	3748072.03	0.11255
443922.97	3748072.03	0.11197	443947.97	3748072.03	0.10905
443972.97	3748072.03	0.10754	443997.97	3748072.03	0.10636
444022.97	3748072.03	0.10585	443897.97	3748097.03	0.11617
443922.97	3748097.03	0.11557	443947.97	3748097.03	0.11266
443972.97	3748097.03	0.11117	443997.97	3748097.03	0.11076

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         444022.97    3748097.03        0.11068
444047.97    3748097.03        0.11061
         443897.97    3748122.03        0.11964
443922.97    3748122.03        0.11833
         443947.97    3748122.03        0.11783
443972.97    3748122.03        0.11752
         443997.97    3748122.03        0.11648
444022.97    3748122.03        0.11519
         444047.97    3748122.03        0.11473
444072.97    3748122.03        0.11602
         443872.97    3748147.03        0.12637
443897.97    3748147.03        0.12599
         443922.97    3748147.03        0.12354
443947.97    3748147.03        0.12344
         443972.97    3748147.03        0.12334
443997.97    3748147.03        0.12137
         444022.97    3748147.03        0.11989
444047.97    3748147.03        0.11998
         444072.97    3748147.03        0.12129
444097.97    3748147.03        0.12291
         443872.97    3748172.03        0.13334
443897.97    3748172.03        0.13368
         443922.97    3748172.03        0.13052
443947.97    3748172.03        0.12954
         443972.97    3748172.03        0.12780
443997.97    3748172.03        0.12617
         444022.97    3748172.03        0.12539
444047.97    3748172.03        0.12573
         444072.97    3748172.03        0.12701
444097.97    3748172.03        0.12821
         444122.97    3748172.03        0.12733
443847.97    3748197.03        0.14029
         443872.97    3748197.03        0.14209
443897.97    3748197.03        0.14211
         443922.97    3748197.03        0.13867
443947.97    3748197.03        0.13678
         443972.97    3748197.03        0.13343
443997.97    3748197.03        0.13200
         444022.97    3748197.03        0.13186
444047.97    3748197.03        0.13256
         444072.97    3748197.03        0.13369
444097.97    3748197.03        0.13384
         444122.97    3748197.03        0.13223
444147.97    3748197.03        0.12910
         443822.97    3748222.03        0.14958
443847.97    3748222.03        0.15348
         443872.97    3748222.03        0.15367
443897.97    3748222.03        0.15156
         443922.97    3748222.03        0.14790
443947.97    3748222.03        0.14585
         443972.97    3748222.03        0.14229
443997.97    3748222.03        0.13994
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         444022.97    3748222.03        0.13965
444047.97    3748222.03        0.14068
         444072.97    3748222.03        0.14122
444097.97    3748222.03        0.13908
         444122.97    3748222.03        0.13702
444147.97    3748222.03        0.13304

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 332
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91ERAM ***
                                INCLUDING SOURCE(S):
L0053747    , L0053748    , L0053749    , L0053750    , L0053751    ,
               L0053752    , L0053753    , L0053754    ,
L0053755    , L0053756    , L0053757    , L0053758    , L0053759    ,
               L0053760    , L0053761    , L0053762    ,
L0053763    , L0053764    , L0053765    , L0053766    , L0053767    ,
               L0053768    , L0053769    , L0053770    ,
L0053771    , L0053772    , L0053773    , L0053774    ,  . . .      ,

                                        *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                      ** CONC OF UNITEMIS IN
MICROGRAMS/M**3                        **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443797.97    3748247.03        0.15233
443822.97    3748247.03        0.16304
         443847.97    3748247.03        0.16832
443872.97    3748247.03        0.16730
         443897.97    3748247.03        0.16301
443922.97    3748247.03        0.15910
         443947.97    3748247.03        0.15680
443972.97    3748247.03        0.15302
         443997.97    3748247.03        0.15051
444022.97    3748247.03        0.14939
         444047.97    3748247.03        0.14901
444072.97    3748247.03        0.14815
         444097.97    3748247.03        0.14462
444122.97    3748247.03        0.14125
         443772.97    3748272.03        0.16851
443797.97    3748272.03        0.17730
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         443822.97    3748272.03        0.17700
443847.97    3748272.03        0.17661
         443872.97    3748272.03        0.17580
443897.97    3748272.03        0.17340
         443922.97    3748272.03        0.16903
443997.97    3748272.03        0.16014
         444022.97    3748272.03        0.15891
444047.97    3748272.03        0.15753
         444072.97    3748272.03        0.15405
444097.97    3748272.03        0.14902
         443747.97    3748297.03        0.18047
443772.97    3748297.03        0.18240
         443797.97    3748297.03        0.18820
443822.97    3748297.03        0.18562
         443847.97    3748297.03        0.18421
443872.97    3748297.03        0.18264
         444022.97    3748297.03        0.16853
444047.97    3748297.03        0.16529
         444072.97    3748297.03        0.15914
443322.97    3748322.03        0.22253
         443347.97    3748322.03        0.22443
443372.97    3748322.03        0.22253
         443697.97    3748322.03        0.19707
443722.97    3748322.03        0.19580
         443747.97    3748322.03        0.19686
443772.97    3748322.03        0.19509
         443797.97    3748322.03        0.19512
443822.97    3748322.03        0.19326
         443847.97    3748322.03        0.19127
443997.97    3748322.03        0.18318
         444022.97    3748322.03        0.17890
444047.97    3748322.03        0.17263
         444072.97    3748322.03        0.16459
443322.97    3748347.03        0.23405
         443347.97    3748347.03        0.23442
443372.97    3748347.03        0.23369
         443397.97    3748347.03        0.22880
443697.97    3748347.03        0.21085
         443722.97    3748347.03        0.20875
443747.97    3748347.03        0.20717
         443772.97    3748347.03        0.20510
443797.97    3748347.03        0.20259
         443972.97    3748347.03        0.19621
443997.97    3748347.03        0.19428
         444022.97    3748347.03        0.18893
444047.97    3748347.03        0.17994
         443322.97    3748372.03        0.24920
443347.97    3748372.03        0.24838
         443372.97    3748372.03        0.24936
443397.97    3748372.03        0.24382
         443422.97    3748372.03        0.24008
443647.97    3748372.03        0.23243
```

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         443672.97    3748372.03        0.23205
443697.97    3748372.03        0.22749
         443722.97    3748372.03        0.22116
443747.97    3748372.03        0.21568
         443772.97    3748372.03        0.21290
443972.97    3748372.03        0.20649
         443997.97    3748372.03        0.20377
444022.97    3748372.03        0.19834
         443322.97    3748397.03        0.26712
443347.97    3748397.03        0.27524
         443372.97    3748397.03        0.27175
443397.97    3748397.03        0.26152

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 333
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91ERAM ***
                                INCLUDING SOURCE(S):
L0053747    , L0053748    , L0053749    , L0053750    , L0053751    ,
               L0053752    , L0053753    , L0053754    ,
L0053755    , L0053756    , L0053757    , L0053758    , L0053759    ,
               L0053760    , L0053761    , L0053762    ,
L0053763    , L0053764    , L0053765    , L0053766    , L0053767    ,
               L0053768    , L0053769    , L0053770    ,
L0053771    , L0053772    , L0053773    , L0053774    ,  . . .      ,

                                        *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                      ** CONC OF UNITEMIS IN
MICROGRAMS/M**3                        **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443422.97    3748397.03        0.25991
443447.97    3748397.03        0.26199
         443597.97    3748397.03        0.23546
443622.97    3748397.03        0.22769
         443647.97    3748397.03        0.25918
443672.97    3748397.03        0.26141
         443697.97    3748397.03        0.24291
443722.97    3748397.03        0.22893
         443747.97    3748397.03        0.22416
443947.97    3748397.03        0.21888
```

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         443972.97    3748397.03        0.21826
443997.97    3748397.03        0.21466
         444022.97    3748397.03        0.20919
443322.97    3748422.03        0.28416
         443347.97    3748422.03        0.32425
443372.97    3748422.03        0.28789
         443397.97    3748422.03        0.27549
443422.97    3748422.03        0.28201
         443447.97    3748422.03        0.29283
443472.97    3748422.03        0.29045
         443547.97    3748422.03        0.26713
443572.97    3748422.03        0.26288
         443597.97    3748422.03        0.26290
443622.97    3748422.03        0.27122
         443647.97    3748422.03        0.27710
443672.97    3748422.03        0.26068
         443697.97    3748422.03        0.24684
443722.97    3748422.03        0.24000
         443947.97    3748422.03        0.23034
443972.97    3748422.03        0.22972
         443997.97    3748422.03        0.22227
443322.97    3748447.03        0.33749
         443347.97    3748447.03        0.35073
443372.97    3748447.03        0.31487
         443422.97    3748447.03        0.31175
443447.97    3748447.03        0.33349
         443472.97    3748447.03        0.33744
443497.97    3748447.03        0.32147
         443522.97    3748447.03        0.31642
443547.97    3748447.03        0.31494
         443572.97    3748447.03        0.30373
443597.97    3748447.03        0.29260
         443622.97    3748447.03        0.29398
443647.97    3748447.03        0.29181
         443672.97    3748447.03        0.26282
443697.97    3748447.03        0.24909
         443922.97    3748447.03        0.24365
443947.97    3748447.03        0.24300
         443972.97    3748447.03        0.23827
443297.97    3748472.03        0.38601
         443322.97    3748472.03        0.37960
443347.97    3748472.03        0.32917
         443422.97    3748472.03        0.34774
443447.97    3748472.03        0.36973
         443472.97    3748472.03        0.36857
443497.97    3748472.03        0.36226
         443522.97    3748472.03        0.35610
443547.97    3748472.03        0.34199
         443572.97    3748472.03        0.31134
443597.97    3748472.03        0.28964
         443622.97    3748472.03        0.29003
443647.97    3748472.03        0.28390
```

```
         443672.97    3748472.03        0.26828
443897.97    3748472.03        0.25828
         443922.97    3748472.03        0.25730
443947.97    3748472.03        0.25451
         443972.97    3748472.03        0.24508
443297.97    3748497.03        0.40989
         443322.97    3748497.03        0.39721
443347.97    3748497.03        0.34467
         443397.97    3748497.03        0.35272
443422.97    3748497.03        0.37568
         443447.97    3748497.03        0.39194
443472.97    3748497.03        0.38815
         443497.97    3748497.03        0.38131
443522.97    3748497.03        0.37300
         443547.97    3748497.03        0.33929
443572.97    3748497.03        0.31292
         443597.97    3748497.03        0.30149
443622.97    3748497.03        0.30080

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 334
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91ERAM ***
                                 INCLUDING SOURCE(S):
L0053747    , L0053748    , L0053749    , L0053750    , L0053751    ,
               L0053752    , L0053753    , L0053754    ,
L0053755    , L0053756    , L0053757    , L0053758    , L0053759    ,
               L0053760    , L0053761    , L0053762    ,
L0053763    , L0053764    , L0053765    , L0053766    , L0053767    ,
               L0053768    , L0053769    , L0053770    ,
L0053771    , L0053772    , L0053773    , L0053774    ,  . . .      ,

                                          *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                         ** CONC OF UNITEMIS IN
MICROGRAMS/M**3                           **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443647.97    3748497.03        0.29472
443897.97    3748497.03        0.27382
         443922.97    3748497.03        0.27260
443947.97    3748497.03        0.26714
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         443272.97    3748522.03        0.44924
443297.97    3748522.03        0.43852
         443322.97    3748522.03        0.40690
443397.97    3748522.03        0.38976
         443422.97    3748522.03        0.41779
443447.97    3748522.03        0.41687
         443472.97    3748522.03        0.40816
443497.97    3748522.03        0.39982
         443522.97    3748522.03        0.37364
443547.97    3748522.03        0.32331
         443572.97    3748522.03        0.30370
443597.97    3748522.03        0.30814
         443622.97    3748522.03        0.30775
443647.97    3748522.03        0.30192
         443872.97    3748522.03        0.29179
443897.97    3748522.03        0.29098
         443922.97    3748522.03        0.28831
443272.97    3748547.03        0.50555
         443297.97    3748547.03        0.46986
443322.97    3748547.03        0.40541
         443422.97    3748547.03        0.45037
443447.97    3748547.03        0.43969
         443472.97    3748547.03        0.42423
443497.97    3748547.03        0.40701
         443522.97    3748547.03        0.33991
443547.97    3748547.03        0.32673
         443572.97    3748547.03        0.31901
443597.97    3748547.03        0.31320
         443622.97    3748547.03        0.32235
443647.97    3748547.03        0.31654
         443672.97    3748547.03        0.31122
443847.97    3748547.03        0.31188
         443872.97    3748547.03        0.31137
443897.97    3748547.03        0.30907
         443922.97    3748547.03        0.30243
443247.97    3748572.03        0.50930
         443272.97    3748572.03        0.53400
443297.97    3748572.03        0.50864
         443322.97    3748572.03        0.44852
443422.97    3748572.03        0.47843
         443447.97    3748572.03        0.46870
443472.97    3748572.03        0.45185
         443497.97    3748572.03        0.39299
443522.97    3748572.03        0.35908
         443547.97    3748572.03        0.34334
443572.97    3748572.03        0.33660
         443597.97    3748572.03        0.33445
443622.97    3748572.03        0.33467
         443647.97    3748572.03        0.33267
443672.97    3748572.03        0.33440
         443697.97    3748572.03        0.33386
443822.97    3748572.03        0.33767
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         443847.97    3748572.03        0.33515
443872.97    3748572.03        0.33224
         443897.97    3748572.03        0.32744
443247.97    3748597.03        0.56489
         443272.97    3748597.03        0.57023
443297.97    3748597.03        0.55203
         443397.97    3748597.03        0.51832
443422.97    3748597.03        0.50978
         443447.97    3748597.03        0.49039
443472.97    3748597.03        0.44888
         443497.97    3748597.03        0.40678
443572.97    3748597.03        0.36843
         443597.97    3748597.03        0.36656
443622.97    3748597.03        0.36482
         443647.97    3748597.03        0.36318
443672.97    3748597.03        0.36297
         443697.97    3748597.03        0.36634
443722.97    3748597.03        0.37174
         443797.97    3748597.03        0.36965
443822.97    3748597.03        0.36450
         443847.97    3748597.03        0.35887
443872.97    3748597.03        0.35451
         443222.97    3748622.03        0.64745
443247.97    3748622.03        0.63599

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 335
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91ERAM ***
                                INCLUDING SOURCE(S):
L0053747    , L0053748    , L0053749    , L0053750    , L0053751    ,
               L0053752    , L0053753    , L0053754    ,
L0053755    , L0053756    , L0053757    , L0053758    , L0053759    ,
               L0053760    , L0053761    , L0053762    ,
L0053763    , L0053764    , L0053765    , L0053766    , L0053767    ,
               L0053768    , L0053769    , L0053770    ,
L0053771    , L0053772    , L0053773    , L0053774    ,  . . .      ,

                                             *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                          ** CONC OF UNITEMIS IN
MICROGRAMS/M**3                            **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
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 - - -
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         443797.97    3748672.03        0.47090
443197.97    3748697.03        0.94139
         443222.97    3748697.03        0.88060
443247.97    3748697.03        0.83836
         443347.97    3748697.03        0.76197
443372.97    3748697.03        0.71248
         443397.97    3748697.03        0.64717
443522.97    3748697.03        0.60224
         443547.97    3748697.03        0.59660
443572.97    3748697.03        0.58002
         443597.97    3748697.03        0.56337
443622.97    3748697.03        0.55262
         443647.97    3748697.03        0.54353
443672.97    3748697.03        0.53996
         443697.97    3748697.03        0.53723
443722.97    3748697.03        0.53276
         443747.97    3748697.03        0.52715
443772.97    3748697.03        0.52047
         443172.97    3748722.03        1.07737
443197.97    3748722.03        1.04595
         443222.97    3748722.03        0.94872
443247.97    3748722.03        0.88737
         443322.97    3748722.03        0.88674
443347.97    3748722.03        0.82304
         443372.97    3748722.03        0.77450
443472.97    3748722.03        0.70513
         443497.97    3748722.03        0.67936
443522.97    3748722.03        0.67423
         443547.97    3748722.03        0.66301
443572.97    3748722.03        0.64300

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 336
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91ERAM ***
                                  INCLUDING SOURCE(S):
L0053747    , L0053748    , L0053749    , L0053750    , L0053751    ,
                L0053752    , L0053753    , L0053754    ,
L0053755    , L0053756    , L0053757    , L0053758    , L0053759    ,
                L0053760    , L0053761    , L0053762    ,
L0053763    , L0053764    , L0053765    , L0053766    , L0053767    ,
                L0053768    , L0053769    , L0053770    ,
L0053771    , L0053772    , L0053773    , L0053774    ,  . . .      ,

                                                *** DISCRETE CARTESIAN
RECEPTOR POINTS ***
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                                        ** CONC OF UNITEMIS IN
MICROGRAMS/M**3                          **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443597.97    3748722.03        0.61994
443622.97    3748722.03        0.60511
         443647.97    3748722.03        0.59603
443672.97    3748722.03        0.59267
         443697.97    3748722.03        0.59014
443722.97    3748722.03        0.58200
         443747.97    3748722.03        0.56871
443172.97    3748747.03        1.19104
         443197.97    3748747.03        1.13939
443222.97    3748747.03        1.00138
         443297.97    3748747.03        1.00662
443322.97    3748747.03        0.97347
         443347.97    3748747.03        0.91027
443447.97    3748747.03        0.79810
         443472.97    3748747.03        0.77548
443497.97    3748747.03        0.75428
         443522.97    3748747.03        0.73221
443547.97    3748747.03        0.71416
         443572.97    3748747.03        0.69351
443597.97    3748747.03        0.67498
         443622.97    3748747.03        0.66300
443647.97    3748747.03        0.65414
         443672.97    3748747.03        0.65139
443697.97    3748747.03        0.64682
         443722.97    3748747.03        0.63775
443147.97    3748772.03        1.38376
         443172.97    3748772.03        1.32438
443197.97    3748772.03        1.21338
         443222.97    3748772.03        1.12869
443297.97    3748772.03        1.11781
         443322.97    3748772.03        1.07672
443397.97    3748772.03        0.93898
         443422.97    3748772.03        0.90459
443447.97    3748772.03        0.87490
         443472.97    3748772.03        0.84605
443497.97    3748772.03        0.81922
         443522.97    3748772.03        0.78762
443547.97    3748772.03        0.76827
         443572.97    3748772.03        0.75222
443597.97    3748772.03        0.73823
         443622.97    3748772.03        0.72862
443647.97    3748772.03        0.72307
         443122.97    3748797.03        1.60227
443147.97    3748797.03        1.55244
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         443172.97    3748797.03        1.48402
443197.97    3748797.03        1.35953
         443222.97    3748797.03        1.35117
443247.97    3748797.03        1.34232
         443272.97    3748797.03        1.30234
443297.97    3748797.03        1.25021
         443372.97    3748797.03        1.09735
443397.97    3748797.03        1.04444
         443422.97    3748797.03        0.99704
443447.97    3748797.03        0.95687
         443472.97    3748797.03        0.91810
443497.97    3748797.03        0.88283
         443522.97    3748797.03        0.85684
443547.97    3748797.03        0.84171
         443572.97    3748797.03        0.83111
443097.97    3748822.03        1.86178
         443122.97    3748822.03        1.82139
443147.97    3748822.03        1.75883
         443172.97    3748822.03        1.69379
443197.97    3748822.03        1.64249
         443222.97    3748822.03        1.60357
443247.97    3748822.03        1.54104
         443272.97    3748822.03        1.47430
443297.97    3748822.03        1.40952
         443322.97    3748822.03        1.34738
443347.97    3748822.03        1.28960
         443372.97    3748822.03        1.22795
443397.97    3748822.03        1.16170
         443422.97    3748822.03        1.10067
443447.97    3748822.03        1.04859
         443472.97    3748822.03        1.00824
443072.97    3748847.03        2.18076
         443097.97    3748847.03        2.16810
443122.97    3748847.03        2.10233
         443147.97    3748847.03        2.04222
443272.97    3748847.03        1.69108

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 337
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91ERAM ***
                                  INCLUDING SOURCE(S):
L0053747    , L0053748    , L0053749    , L0053750    , L0053751    ,
               L0053752    , L0053753    , L0053754    ,
L0053755    , L0053756    , L0053757    , L0053758    , L0053759    ,
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                L0053760    , L0053761    , L0053762    ,
L0053763    , L0053764    , L0053765    , L0053766    , L0053767    ,
                L0053768    , L0053769    , L0053770    ,
L0053771    , L0053772    , L0053773    , L0053774    ,  . . .      ,

                                          *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                         ** CONC OF UNITEMIS IN
MICROGRAMS/M**3                           **

       X-COORD (M)   Y-COORD (M)        CONC                       X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443297.97    3748847.03        1.60638
443322.97    3748847.03        1.52612
         443347.97    3748847.03        1.44235
443372.97    3748847.03        1.36258
         443397.97    3748847.03        1.28793
443072.97    3748872.03        2.57482
         443097.97    3748872.03        2.54836
443122.97    3748872.03        2.49774
         443272.97    3748872.03        1.97927
443297.97    3748872.03        1.86919
         443322.97    3748872.03        1.75985
443347.97    3748872.03        1.63955
         443047.97    3748897.03        3.04186
443072.97    3748897.03        3.04375
         443097.97    3748897.03        3.03525
443122.97    3748897.03        3.00827
         443297.97    3748897.03        2.21639
443322.97    3748897.03        2.05706
         443028.81    3748928.79        3.76256
443047.97    3748922.03        3.60943
         443072.97    3748922.03        3.65343
443097.97    3748922.03        3.67453
         443122.97    3748922.03        3.67014
443147.97    3748922.03        3.62896
         443172.97    3748922.03        3.54748
443003.50    3748951.03        4.34216
         443022.97    3748947.03        4.28051
443047.97    3748947.03        4.34680
         443072.97    3748947.03        4.45711
443097.97    3748947.03        4.52930
         443122.97    3748947.03        4.57567
443147.97    3748947.03        4.59981
         443172.97    3748947.03        4.59255
442977.27    3748975.72        5.11085
         442997.97    3748972.03        5.06261
443022.97    3748972.03        5.20076
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         443047.97    3748972.03        5.37659
443072.97    3748972.03        5.56494
         443097.97    3748972.03        5.74010
443122.97    3748972.03        5.93731
         443147.97    3748972.03        6.16446
443172.97    3748972.03        6.37826
         442947.97    3748997.03        5.88389
442972.97    3748997.03        6.07259
         442997.97    3748997.03        6.28757
443022.97    3748997.03        6.51998
         443047.97    3748997.03        6.82570
443072.97    3748997.03        7.16720
         443097.97    3748997.03        7.62568
443122.97    3748997.03        8.22764
         443147.97    3748997.03        8.91685
442922.97    3749022.03        7.16286
         442947.97    3749022.03        7.47797
442972.97    3749022.03        7.86130
         442997.97    3749022.03        8.28853
443022.97    3749022.03        8.72087
         443047.97    3749022.03        9.28918
443072.97    3749022.03        9.96395
         443102.27    3749028.48       12.65694
443118.05    3749011.89       10.16057
         442918.36    3749057.17       10.71336
442947.05    3749054.10       11.10717
         442972.97    3749047.03       10.82205
442997.97    3749047.03       11.67841
         443018.97    3749057.17       14.92320
443043.67    3749053.18       15.47028
         443072.97    3749047.03       15.63010
442904.73    3749080.33       14.86913
         442925.74    3749077.56       15.44292
442947.97    3749072.03       15.15810
         442972.66    3749064.96       14.61261
443321.39    3748281.81        0.20449
         443345.73    3748282.87        0.20966
443372.19    3748295.57        0.21300
         443398.64    3748320.97        0.21561
443920.42    3747346.84        0.03522
         443920.89    3747371.73        0.03633
443923.71    3747395.21        0.03757
         443922.30    3747421.03        0.03901
443923.24    3747444.04        0.04077

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 338
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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                    *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91ERAM ***
                                INCLUDING SOURCE(S):
L0053747    , L0053748    , L0053749    , L0053750    , L0053751    ,
                L0053752    , L0053753    , L0053754    ,
L0053755    , L0053756    , L0053757    , L0053758    , L0053759    ,
                L0053760    , L0053761    , L0053762    ,
L0053763    , L0053764    , L0053765    , L0053766    , L0053767    ,
                L0053768    , L0053769    , L0053770    ,
L0053771    , L0053772    , L0053773    , L0053774    ,  . . .      ,

                                             *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                          ** CONC OF UNITEMIS IN
MICROGRAMS/M**3                            **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         442945.03    3749041.56        9.31532

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 339
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91W14  ***
                                INCLUDING SOURCE(S):
L0053434    , L0053435    , L0053436    , L0053437    , L0053438    ,
                L0053439    , L0053440    , L0053441    ,
L0053442    , L0053443    , L0053444    , L0053445    , L0053446    ,
                L0053447    , L0053448    , L0053449    ,
L0053450    , L0053451    , L0053452    , L0053453    , L0053454    ,
                L0053455    , L0053456    , L0053457    ,
L0053458    , L0053459    , L0053460    , L0053461    ,  . . .      ,

                                             *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                          ** CONC OF UNITEMIS IN
MICROGRAMS/M**3                            **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
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         444047.97    3747522.03        0.10794
443922.97    3747547.03        0.11521
         443947.97    3747547.03        0.11423
443972.97    3747547.03        0.11089
         443997.97    3747547.03        0.10966
444022.97    3747547.03        0.10997
         444047.97    3747547.03        0.11114
443922.97    3747572.03        0.11807
         443947.97    3747572.03        0.11754
443972.97    3747572.03        0.11407
         443997.97    3747572.03        0.11338
444022.97    3747572.03        0.11406
         444047.97    3747572.03        0.11510
444072.97    3747572.03        0.11598
         443922.97    3747597.03        0.12161
443947.97    3747597.03        0.12044
         443972.97    3747597.03        0.11737
443997.97    3747597.03        0.11731
         444022.97    3747597.03        0.11836
444047.97    3747597.03        0.11947
         444072.97    3747597.03        0.12035
443922.97    3747622.03        0.12623
         443947.97    3747622.03        0.12387
443972.97    3747622.03        0.12159
         443997.97    3747622.03        0.12156
444022.97    3747622.03        0.12269
         444047.97    3747622.03        0.12405
444072.97    3747622.03        0.12499
         443922.97    3747647.03        0.13125
443947.97    3747647.03        0.12883

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 340
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91W14  ***
                                  INCLUDING SOURCE(S):
L0053434    , L0053435    , L0053436    , L0053437    , L0053438    ,
                L0053439    , L0053440    , L0053441    ,
L0053442    , L0053443    , L0053444    , L0053445    , L0053446    ,
                L0053447    , L0053448    , L0053449    ,
L0053450    , L0053451    , L0053452    , L0053453    , L0053454    ,
                L0053455    , L0053456    , L0053457    ,
L0053458    , L0053459    , L0053460    , L0053461    ,  . . .      ,

                                                *** DISCRETE CARTESIAN
RECEPTOR POINTS ***
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** CONC OF UNITEMIS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
443972.97	3747647.03	0.12650	443997.97	3747647.03	0.12542
444022.97	3747647.03	0.12666	444047.97	3747647.03	0.12901
444072.97	3747647.03	0.12996	443922.97	3747672.03	0.13682
443947.97	3747672.03	0.13582	443972.97	3747672.03	0.13644
443997.97	3747672.03	0.13611	444022.97	3747672.03	0.13663
444047.97	3747672.03	0.13814	444072.97	3747672.03	0.13895
443922.97	3747697.03	0.14810	443947.97	3747697.03	0.14887
443972.97	3747697.03	0.15031	443997.97	3747697.03	0.15250
444022.97	3747697.03	0.15183	444047.97	3747697.03	0.14905
443922.97	3747722.03	0.15906	443947.97	3747722.03	0.16333
443972.97	3747722.03	0.16389	443997.97	3747722.03	0.16411
444022.97	3747722.03	0.16241	444047.97	3747722.03	0.15862
443922.97	3747747.03	0.16757	443947.97	3747747.03	0.17276
443972.97	3747747.03	0.17405	443997.97	3747747.03	0.17151
444022.97	3747747.03	0.16878	443897.97	3747772.03	0.17710
443922.97	3747772.03	0.17452	443947.97	3747772.03	0.17632
443972.97	3747772.03	0.18033	443997.97	3747772.03	0.17849
443897.97	3747797.03	0.18314	443922.97	3747797.03	0.18245
443947.97	3747797.03	0.18442	443972.97	3747797.03	0.18633
443997.97	3747797.03	0.18364	443872.97	3747822.03	0.19491
443897.97	3747822.03	0.19161	443922.97	3747822.03	0.19125
443947.97	3747822.03	0.19599	443972.97	3747822.03	0.19827

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         443997.97    3747822.03        0.19139
443872.97    3747847.03        0.20140
         443897.97    3747847.03        0.19947
443922.97    3747847.03        0.20348
         443947.97    3747847.03        0.21160
443972.97    3747847.03        0.22701
         443997.97    3747847.03        0.20621
443847.97    3747872.03        0.21068
         443872.97    3747872.03        0.20886
443897.97    3747872.03        0.20699
         443922.97    3747872.03        0.21590
443947.97    3747872.03        0.23458
         443972.97    3747872.03        0.25083
443997.97    3747872.03        0.21911
         443847.97    3747897.03        0.22774
443872.97    3747897.03        0.22687
         443897.97    3747897.03        0.21613
443922.97    3747897.03        0.22214
         443947.97    3747897.03        0.26020
443972.97    3747897.03        0.26235
         443847.97    3747922.03        0.25291
443872.97    3747922.03        0.25788
         443897.97    3747922.03        0.23355
443922.97    3747922.03        0.23058
         443947.97    3747922.03        0.28064
443972.97    3747922.03        0.26748
         443872.97    3747947.03        0.28000
443897.97    3747947.03        0.27354
         443922.97    3747947.03        0.27853
443947.97    3747947.03        0.29302
         443872.97    3747972.03        0.29499
443897.97    3747972.03        0.29573
         443922.97    3747972.03        0.30299
443947.97    3747972.03        0.29859
         443872.97    3747997.03        0.31111
443897.97    3747997.03        0.31612

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 341
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91W14  ***
                                  INCLUDING SOURCE(S):
L0053434    , L0053435    , L0053436    , L0053437    , L0053438    ,
               L0053439    , L0053440    , L0053441    ,
L0053442    , L0053443    , L0053444    , L0053445    , L0053446    ,
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                L0053447    , L0053448    , L0053449    ,
L0053450    , L0053451    , L0053452    , L0053453    , L0053454    ,
                L0053455    , L0053456    , L0053457    ,
L0053458    , L0053459    , L0053460    , L0053461    ,  . . .      ,

                                          *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                         ** CONC OF UNITEMIS IN
MICROGRAMS/M**3                           **

       X-COORD (M)   Y-COORD (M)        CONC                       X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443922.97    3747997.03        0.31672
443947.97    3747997.03        0.30867
         443897.97    3748022.03        0.33149
443922.97    3748022.03        0.32862
         443947.97    3748022.03        0.32023
443972.97    3748022.03        0.30373
         443897.97    3748047.03        0.34432
443922.97    3748047.03        0.34098
         443947.97    3748047.03        0.32987
443972.97    3748047.03        0.31748
         443997.97    3748047.03        0.30574
443897.97    3748072.03        0.35804
         443922.97    3748072.03        0.35393
443947.97    3748072.03        0.33797
         443972.97    3748072.03        0.32897
443997.97    3748072.03        0.32146
         444022.97    3748072.03        0.31714
443897.97    3748097.03        0.37264
         443922.97    3748097.03        0.36813
443947.97    3748097.03        0.35188
         443972.97    3748097.03        0.34267
443997.97    3748097.03        0.33864
         444022.97    3748097.03        0.33630
444047.97    3748097.03        0.33404
         443897.97    3748122.03        0.38623
443922.97    3748122.03        0.37783
         443947.97    3748122.03        0.37335
443972.97    3748122.03        0.36980
         443997.97    3748122.03        0.36247
444022.97    3748122.03        0.35393
         444047.97    3748122.03        0.34966
444072.97    3748122.03        0.35456
         443872.97    3748147.03        0.41816
443897.97    3748147.03        0.41454
         443922.97    3748147.03        0.39978
443947.97    3748147.03        0.39721
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         443972.97    3748147.03        0.39466
443997.97    3748147.03        0.38219
         444022.97    3748147.03        0.37243
444047.97    3748147.03        0.37098
         444072.97    3748147.03        0.37635
444097.97    3748147.03        0.38400
         443872.97    3748172.03        0.45035
443897.97    3748172.03        0.45072
         443922.97    3748172.03        0.43128
443947.97    3748172.03        0.42383
         443972.97    3748172.03        0.41223
443997.97    3748172.03        0.40136
         444022.97    3748172.03        0.39511
444047.97    3748172.03        0.39508
         444072.97    3748172.03        0.40060
444097.97    3748172.03        0.40620
         444122.97    3748172.03        0.39945
443847.97    3748197.03        0.48433
         443872.97    3748197.03        0.49357
443897.97    3748197.03        0.49270
         443922.97    3748197.03        0.47017
443947.97    3748197.03        0.45721
         443972.97    3748197.03        0.43602
443997.97    3748197.03        0.42595
         444022.97    3748197.03        0.42319
444047.97    3748197.03        0.42542
         444072.97    3748197.03        0.43056
444097.97    3748197.03        0.42997
         444122.97    3748197.03        0.41837
444147.97    3748197.03        0.39808
         443822.97    3748222.03        0.53175
443847.97    3748222.03        0.55569
         443872.97    3748222.03        0.55762
443897.97    3748222.03        0.54344
         443922.97    3748222.03        0.51764
443947.97    3748222.03        0.50292
         443972.97    3748222.03        0.47880
443997.97    3748222.03        0.46279
         444022.97    3748222.03        0.45931
444047.97    3748222.03        0.46409
         444072.97    3748222.03        0.46616
444097.97    3748222.03        0.45060
         444122.97    3748222.03        0.43574
444147.97    3748222.03        0.41014

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 342
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: SR91W14 ***

INCLUDING SOURCE(S):

L0053434 , L0053435 , L0053436 , L0053437 , L0053438 , L0053439 , L0053440 , L0053441 ,
L0053442 , L0053443 , L0053444 , L0053445 , L0053446 , L0053447 , L0053448 , L0053449 ,
L0053450 , L0053451 , L0053452 , L0053453 , L0053454 , L0053455 , L0053456 , L0053457 ,
L0053458 , L0053459 , L0053460 , L0053461 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF UNITEMIS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
443797.97	3748247.03	0.54278	443822.97	3748247.03	0.60574
443847.97	3748247.03	0.63496	443872.97	3748247.03	0.63118
443897.97	3748247.03	0.60815	443922.97	3748247.03	0.58221
443947.97	3748247.03	0.56529	443972.97	3748247.03	0.53671
443997.97	3748247.03	0.51802	444022.97	3748247.03	0.50916
444047.97	3748247.03	0.50530	444072.97	3748247.03	0.49777
444097.97	3748247.03	0.47213	444122.97	3748247.03	0.44869
443772.97	3748272.03	0.62687	443797.97	3748272.03	0.67454
443822.97	3748272.03	0.67484	443847.97	3748272.03	0.67416
443872.97	3748272.03	0.67140	443897.97	3748272.03	0.66061
443922.97	3748272.03	0.63624	443997.97	3748272.03	0.57026
444022.97	3748272.03	0.56019	444047.97	3748272.03	0.54849
444072.97	3748272.03	0.52107	444097.97	3748272.03	0.48519
443747.97	3748297.03	0.68490	443772.97	3748297.03	0.69695
443797.97	3748297.03	0.72601	443822.97	3748297.03	0.71569

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         443847.97    3748297.03        0.71049
443872.97    3748297.03        0.70418
         444022.97    3748297.03        0.61346
444047.97    3748297.03        0.58506
         444072.97    3748297.03        0.53710
443322.97    3748322.03        0.75102
         443347.97    3748322.03        0.76320
443372.97    3748322.03        0.76669
         443697.97    3748322.03        0.75881
443722.97    3748322.03        0.75641
         443747.97    3748322.03        0.76374
443772.97    3748322.03        0.75776
         443797.97    3748322.03        0.76011
443822.97    3748322.03        0.75280
         443847.97    3748322.03        0.74484
443997.97    3748322.03        0.70403
         444022.97    3748322.03        0.67443
444047.97    3748322.03        0.61597
         444072.97    3748322.03        0.55398
443322.97    3748347.03        0.79071
         443347.97    3748347.03        0.80030
443372.97    3748347.03        0.80757
         443397.97    3748347.03        0.80330
443697.97    3748347.03        0.82340
         443722.97    3748347.03        0.81862
443747.97    3748347.03        0.81315
         443772.97    3748347.03        0.80644
443797.97    3748347.03        0.79663
         443972.97    3748347.03        0.76983
443997.97    3748347.03        0.75840
         444022.97    3748347.03        0.72342
444047.97    3748347.03        0.64355
         443322.97    3748372.03        0.83902
443347.97    3748372.03        0.84754
         443372.97    3748372.03        0.86061
443397.97    3748372.03        0.85675
         443422.97    3748372.03        0.85637
443647.97    3748372.03        0.90448
         443672.97    3748372.03        0.90844
443697.97    3748372.03        0.89663
         443722.97    3748372.03        0.87665
443747.97    3748372.03        0.85545
         443772.97    3748372.03        0.84501
443972.97    3748372.03        0.81931
         443997.97    3748372.03        0.80265
444022.97    3748372.03        0.76651
         443322.97    3748397.03        0.89429
443347.97    3748397.03        0.92580
         443372.97    3748397.03        0.93066
443397.97    3748397.03        0.91724
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES
AVERAGED OVER 5 YEARS FOR SOURCE GROUP: SR91W14 ***
INCLUDING SOURCE(S):
L0053434 , L0053435 , L0053436 , L0053437 , L0053438 ,
L0053439 , L0053440 , L0053441 ,
L0053442 , L0053443 , L0053444 , L0053445 , L0053446 ,
L0053447 , L0053448 , L0053449 ,
L0053450 , L0053451 , L0053452 , L0053453 , L0053454 ,
L0053455 , L0053456 , L0053457 ,
L0053458 , L0053459 , L0053460 , L0053461 , . . . ,

*** DISCRETE CARTESIAN
RECEPTOR POINTS ***

** CONC OF UNITEMIS IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
443422.97	3748397.03	0.92459	443447.97	3748397.03	0.94169
443597.97	3748397.03	0.91487	443622.97	3748397.03	0.89035
443647.97	3748397.03	0.99692	443672.97	3748397.03	1.00310
443697.97	3748397.03	0.96566	443722.97	3748397.03	0.91777
443747.97	3748397.03	0.89757	443947.97	3748397.03	0.88135
443972.97	3748397.03	0.87740	443997.97	3748397.03	0.85383
444022.97	3748397.03	0.81608	443322.97	3748422.03	0.94801
443347.97	3748422.03	1.03586	443372.97	3748422.03	0.98543
443397.97	3748422.03	0.96869	443422.97	3748422.03	0.99883
443447.97	3748422.03	1.03378	443472.97	3748422.03	1.04050
443547.97	3748422.03	1.01846	443572.97	3748422.03	1.01575

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         443597.97    3748422.03        1.02423
443622.97    3748422.03        1.05138
         443647.97    3748422.03        1.06553
443672.97    3748422.03        1.03746
         443697.97    3748422.03        0.99615
443722.97    3748422.03        0.97297
         443947.97    3748422.03        0.93660
443972.97    3748422.03        0.93174
         443997.97    3748422.03        0.88416
443322.97    3748447.03        1.07032
         443347.97    3748447.03        1.10281
443372.97    3748447.03        1.06347
         443422.97    3748447.03        1.08604
443447.97    3748447.03        1.12967
         443472.97    3748447.03        1.14092
443497.97    3748447.03        1.13450
         443522.97    3748447.03        1.13670
443547.97    3748447.03        1.14154
         443572.97    3748447.03        1.13451
443597.97    3748447.03        1.12346
         443622.97    3748447.03        1.13161
443647.97    3748447.03        1.13202
         443672.97    3748447.03        1.06481
443697.97    3748447.03        1.01140
         443922.97    3748447.03        1.00585
443947.97    3748447.03        0.99921
         443972.97    3748447.03        0.96713
443297.97    3748472.03        1.14968
         443322.97    3748472.03        1.15839
443347.97    3748472.03        1.09934
         443422.97    3748472.03        1.17826
443447.97    3748472.03        1.21005
         443472.97    3748472.03        1.21783
443497.97    3748472.03        1.22078
         443522.97    3748472.03        1.22289
443547.97    3748472.03        1.21858
         443572.97    3748472.03        1.19133
443597.97    3748472.03        1.15057
         443622.97    3748472.03        1.16158
443647.97    3748472.03        1.15197
         443672.97    3748472.03        1.09671
443897.97    3748472.03        1.08066
         443922.97    3748472.03        1.06988
443947.97    3748472.03        1.05031
         443972.97    3748472.03        0.98425
443297.97    3748497.03        1.21326
         443322.97    3748497.03        1.21750
443347.97    3748497.03        1.15350
         443397.97    3748497.03        1.20805
443422.97    3748497.03        1.25746
         443447.97    3748497.03        1.28234
443472.97    3748497.03        1.28987
```

```
         443497.97    3748497.03        1.29389
443522.97    3748497.03        1.29612
         443547.97    3748497.03        1.27429
443572.97    3748497.03        1.23454
         443597.97    3748497.03        1.20989
443622.97    3748497.03        1.22016

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 344
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91W14  ***
                                 INCLUDING SOURCE(S):
L0053434    , L0053435    , L0053436    , L0053437    , L0053438    ,
                L0053439    , L0053440    , L0053441    ,
L0053442    , L0053443    , L0053444    , L0053445    , L0053446    ,
                L0053447    , L0053448    , L0053449    ,
L0053450    , L0053451    , L0053452    , L0053453    , L0053454    ,
                L0053455    , L0053456    , L0053457    ,
L0053458    , L0053459    , L0053460    , L0053461    ,  . . .      ,

                                          *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                         ** CONC OF UNITEMIS IN
MICROGRAMS/M**3                           **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443647.97    3748497.03        1.20845
443897.97    3748497.03        1.15750
         443922.97    3748497.03        1.14391
443947.97    3748497.03        1.10801
         443272.97    3748522.03        1.27458
443297.97    3748522.03        1.28410
         443322.97    3748522.03        1.26803
443397.97    3748522.03        1.30564
         443422.97    3748522.03        1.34918
443447.97    3748522.03        1.36203
         443472.97    3748522.03        1.36762
443497.97    3748522.03        1.37199
         443522.97    3748522.03        1.36312
443547.97    3748522.03        1.27294
         443572.97    3748522.03        1.21536
443597.97    3748522.03        1.24889
```

```
         443622.97    3748522.03        1.26137
443647.97    3748522.03        1.24718
         443872.97    3748522.03        1.24998
443897.97    3748522.03        1.23877
         443922.97    3748522.03        1.21808
443272.97    3748547.03        1.37057
         443297.97    3748547.03        1.36073
443322.97    3748547.03        1.29883
         443422.97    3748547.03        1.43822
443447.97    3748547.03        1.44561
         443472.97    3748547.03        1.44784
443497.97    3748547.03        1.44917
         443522.97    3748547.03        1.32636
443547.97    3748547.03        1.29733
         443572.97    3748547.03        1.28373
443597.97    3748547.03        1.27413
         443622.97    3748547.03        1.32830
443647.97    3748547.03        1.31545
         443672.97    3748547.03        1.30193
443847.97    3748547.03        1.35248
         443872.97    3748547.03        1.34455
443897.97    3748547.03        1.32629
         443922.97    3748547.03        1.27789
443247.97    3748572.03        1.39813
         443272.97    3748572.03        1.44486
443297.97    3748572.03        1.44731
         443322.97    3748572.03        1.40339
443422.97    3748572.03        1.52921
         443447.97    3748572.03        1.53953
443472.97    3748572.03        1.54330
         443497.97    3748572.03        1.48601
443522.97    3748572.03        1.40621
         443547.97    3748572.03        1.36924
443572.97    3748572.03        1.36065
         443597.97    3748572.03        1.36770
443622.97    3748572.03        1.38369
         443647.97    3748572.03        1.38905
443672.97    3748572.03        1.41182
         443697.97    3748572.03        1.42225
443822.97    3748572.03        1.48115
         443847.97    3748572.03        1.46765
443872.97    3748572.03        1.44552
         443897.97    3748572.03        1.41092
443247.97    3748597.03        1.49729
         443272.97    3748597.03        1.53060
443297.97    3748597.03        1.54121
         443397.97    3748597.03        1.61445
443422.97    3748597.03        1.62939
         443447.97    3748597.03        1.63519
443472.97    3748597.03        1.61793
         443497.97    3748597.03        1.55489
443572.97    3748597.03        1.49385
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         443597.97    3748597.03        1.50696
443622.97    3748597.03        1.51929
         443647.97    3748597.03        1.53067
443672.97    3748597.03        1.54755
         443697.97    3748597.03        1.58320
443722.97    3748597.03        1.62308
         443797.97    3748597.03        1.63667
443822.97    3748597.03        1.61450
         443847.97    3748597.03        1.58229
443872.97    3748597.03        1.55115
         443222.97    3748622.03        1.59189
443247.97    3748622.03        1.61352

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 345
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91W14  ***
                                 INCLUDING SOURCE(S):
L0053434    , L0053435    , L0053436    , L0053437    , L0053438    ,
               L0053439    , L0053440    , L0053441    ,
L0053442    , L0053443    , L0053444    , L0053445    , L0053446    ,
               L0053447    , L0053448    , L0053449    ,
L0053450    , L0053451    , L0053452    , L0053453    , L0053454    ,
               L0053455    , L0053456    , L0053457    ,
L0053458    , L0053459    , L0053460    , L0053461    ,  . . .      ,

                                        *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                      ** CONC OF UNITEMIS IN
MICROGRAMS/M**3                        **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443272.97    3748622.03        1.63039
443297.97    3748622.03        1.64059
         443397.97    3748622.03        1.72411
443422.97    3748622.03        1.74022
         443447.97    3748622.03        1.74252
443472.97    3748622.03        1.69289
         443597.97    3748622.03        1.68771
443622.97    3748622.03        1.70364
         443647.97    3748622.03        1.71809
443672.97    3748622.03        1.74067
```

```
         443697.97    3748622.03        1.78350
443722.97    3748622.03        1.80966
         443747.97    3748622.03        1.81810
443772.97    3748622.03        1.81737
         443797.97    3748622.03        1.80751
443822.97    3748622.03        1.75610
         443847.97    3748622.03        1.71279
443222.97    3748647.03        1.71980
         443247.97    3748647.03        1.73053
443272.97    3748647.03        1.73891
         443372.97    3748647.03        1.82504
443397.97    3748647.03        1.84441
         443422.97    3748647.03        1.85556
443447.97    3748647.03        1.84943
         443622.97    3748647.03        1.90296
443647.97    3748647.03        1.92697
         443672.97    3748647.03        1.95000
443697.97    3748647.03        1.97194
         443722.97    3748647.03        1.98315
443747.97    3748647.03        1.98631
         443772.97    3748647.03        1.98447
443797.97    3748647.03        1.97410
         443822.97    3748647.03        1.91173
443197.97    3748672.03        1.84276
         443222.97    3748672.03        1.85147
443247.97    3748672.03        1.84939
         443272.97    3748672.03        1.85966
443347.97    3748672.03        1.94158
         443372.97    3748672.03        1.95617
443397.97    3748672.03        1.97367
         443422.97    3748672.03        1.96378
443572.97    3748672.03        2.06592
         443597.97    3748672.03        2.08383
443622.97    3748672.03        2.10309
         443647.97    3748672.03        2.12797
443672.97    3748672.03        2.14312
         443697.97    3748672.03        2.15535
443722.97    3748672.03        2.16422
         443747.97    3748672.03        2.16770
443772.97    3748672.03        2.16350
         443797.97    3748672.03        2.13228
443197.97    3748697.03        1.96077
         443222.97    3748697.03        1.96384
443247.97    3748697.03        1.97630
         443347.97    3748697.03        2.08999
443372.97    3748697.03        2.10002
         443397.97    3748697.03        2.08556
443522.97    3748697.03        2.24495
         443547.97    3748697.03        2.27129
443572.97    3748697.03        2.28966
         443597.97    3748697.03        2.30166
443622.97    3748697.03        2.31360
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```
         443647.97    3748697.03        2.32526
443672.97    3748697.03        2.34420
         443697.97    3748697.03        2.36076
443722.97    3748697.03        2.36999
         443747.97    3748697.03        2.37235
443772.97    3748697.03        2.36257
         443172.97    3748722.03        2.07988
443197.97    3748722.03        2.10422
         443222.97    3748722.03        2.09024
443247.97    3748722.03        2.09490
         443322.97    3748722.03        2.22691
443347.97    3748722.03        2.24844
         443372.97    3748722.03        2.26421
443472.97    3748722.03        2.39358
         443497.97    3748722.03        2.41860
443522.97    3748722.03        2.44983
         443547.97    3748722.03        2.47611
443572.97    3748722.03        2.50208

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 346
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91W14  ***
                                  INCLUDING SOURCE(S):
L0053434    , L0053435    , L0053436    , L0053437    , L0053438    ,
               L0053439    , L0053440    , L0053441    ,
L0053442    , L0053443    , L0053444    , L0053445    , L0053446    ,
               L0053447    , L0053448    , L0053449    ,
L0053450    , L0053451    , L0053452    , L0053453    , L0053454    ,
               L0053455    , L0053456    , L0053457    ,
L0053458    , L0053459    , L0053460    , L0053461    ,  . . .      ,

                                        *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                       ** CONC OF UNITEMIS IN
MICROGRAMS/M**3                         **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443597.97    3748722.03        2.52217
443622.97    3748722.03        2.53512
         443647.97    3748722.03        2.55248
443672.97    3748722.03        2.57727
```

```
         443697.97    3748722.03        2.59937
443722.97    3748722.03        2.60502
         443747.97    3748722.03        2.57293
443172.97    3748747.03        2.23104
         443197.97    3748747.03        2.25176
443222.97    3748747.03        2.20863
         443297.97    3748747.03        2.37434
443322.97    3748747.03        2.40238
         443347.97    3748747.03        2.43631
443447.97    3748747.03        2.57317
         443472.97    3748747.03        2.60849
443497.97    3748747.03        2.64332
         443522.97    3748747.03        2.67661
443547.97    3748747.03        2.71055
         443572.97    3748747.03        2.74195
443597.97    3748747.03        2.76306
         443622.97    3748747.03        2.78382
443647.97    3748747.03        2.80779
         443672.97    3748747.03        2.84177
443697.97    3748747.03        2.86658
         443722.97    3748747.03        2.86727
443147.97    3748772.03        2.37969
         443172.97    3748772.03        2.40106
443197.97    3748772.03        2.39097
         443222.97    3748772.03        2.39315
443297.97    3748772.03        2.57032
         443322.97    3748772.03        2.60371
443397.97    3748772.03        2.73113
         443422.97    3748772.03        2.77185
443447.97    3748772.03        2.81504
         443472.97    3748772.03        2.85710
443497.97    3748772.03        2.89747
         443522.97    3748772.03        2.93427
443547.97    3748772.03        2.96891
         443572.97    3748772.03        2.99997
443597.97    3748772.03        3.02848
         443622.97    3748772.03        3.06299
443647.97    3748772.03        3.10288
         443122.97    3748797.03        2.53887
443147.97    3748797.03        2.57058
         443172.97    3748797.03        2.59689
443197.97    3748797.03        2.58350
         443222.97    3748797.03        2.65857
443247.97    3748797.03        2.72217
         443272.97    3748797.03        2.75889
443297.97    3748797.03        2.79701
         443372.97    3748797.03        2.94068
443397.97    3748797.03        2.99587
         443422.97    3748797.03        3.04575
443447.97    3748797.03        3.09345
         443472.97    3748797.03        3.14004
443497.97    3748797.03        3.17445
```

```
         443522.97    3748797.03        3.20469
443547.97    3748797.03        3.25160
         443572.97    3748797.03        3.30421
443097.97    3748822.03        2.71597
         443122.97    3748822.03        2.75542
443147.97    3748822.03        2.78875
         443172.97    3748822.03        2.82752
443197.97    3748822.03        2.87790
         443222.97    3748822.03        2.93042
443247.97    3748822.03        2.97444
         443272.97    3748822.03        3.02070
443297.97    3748822.03        3.06797
         443322.97    3748822.03        3.11587
443347.97    3748822.03        3.16771
         443372.97    3748822.03        3.24557
443397.97    3748822.03        3.31131
         443422.97    3748822.03        3.36486
443447.97    3748822.03        3.41588
         443472.97    3748822.03        3.45567
443072.97    3748847.03        2.92032
         443097.97    3748847.03        2.97945
443122.97    3748847.03        3.01170
         443147.97    3748847.03        3.05745
443272.97    3748847.03        3.33589

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 347
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91W14  ***
                                INCLUDING SOURCE(S):
L0053434    , L0053435    , L0053436    , L0053437    , L0053438    ,
               L0053439    , L0053440    , L0053441    ,
L0053442    , L0053443    , L0053444    , L0053445    , L0053446    ,
               L0053447    , L0053448    , L0053449    ,
L0053450    , L0053451    , L0053452    , L0053453    , L0053454    ,
               L0053455    , L0053456    , L0053457    ,
L0053458    , L0053459    , L0053460    , L0053461    ,  . . .      ,

                                              *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                         ** CONC OF UNITEMIS IN
MICROGRAMS/M**3                           **

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

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         443147.97    3748997.03        7.07168
442922.97    3749022.03        6.27065
         442947.97    3749022.03        6.43162
442972.97    3749022.03        6.63822
         442997.97    3749022.03        6.86661
443022.97    3749022.03        7.08361
         443047.97    3749022.03        7.37357
443072.97    3749022.03        7.69092
         443102.27    3749028.48        8.88367
443118.05    3749011.89        7.68979
         442918.36    3749057.17        8.57613
442947.05    3749054.10        8.65130
         442972.97    3749047.03        8.37572
442997.97    3749047.03        8.74505
         443018.97    3749057.17       10.19744
443043.67    3749053.18       10.34743
         443072.97    3749047.03       10.29155
442904.73    3749080.33       11.19450
         442925.74    3749077.56       11.26499
442947.97    3749072.03       10.86026
         442972.66    3749064.96       10.36225
443321.39    3748281.81        0.68898
         443345.73    3748282.87        0.70802
443372.19    3748295.57        0.72970
         443398.64    3748320.97        0.75517
443920.42    3747346.84        0.07766
         443920.89    3747371.73        0.08074
443923.71    3747395.21        0.08431
         443922.30    3747421.03        0.08858
443923.24    3747444.04        0.09409

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 348
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91W14  ***
                                  INCLUDING SOURCE(S):
L0053434    , L0053435    , L0053436    , L0053437    , L0053438    ,
                L0053439    , L0053440    , L0053441    ,
L0053442    , L0053443    , L0053444    , L0053445    , L0053446    ,
                L0053447    , L0053448    , L0053449    ,
L0053450    , L0053451    , L0053452    , L0053453    , L0053454    ,
                L0053455    , L0053456    , L0053457    ,
L0053458    , L0053459    , L0053460    , L0053461    ,  . . .      ,

                                                 *** DISCRETE CARTESIAN
RECEPTOR POINTS ***
```

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                                        ** CONC OF UNITEMIS IN
MICROGRAMS/M**3                          **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         442945.03    3749041.56        7.59420

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 349
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91W56  ***
                                INCLUDING SOURCE(S):
L0053556    , L0053557    , L0053558    , L0053559    , L0053560    ,
                L0053561    , L0053562    , L0053563    ,
L0053564    , L0053565    , L0053566    , L0053567    , L0053568    ,
                L0053569    , L0053570    , L0053571    ,
L0053572    , L0053573    , L0053574    , L0053575    , L0053576    ,
                L0053577    , L0053578    , L0053579    ,
L0053580    , L0053581    , L0053582    , L0053583    ,  . . .      ,

                                             *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                        ** CONC OF UNITEMIS IN
MICROGRAMS/M**3                          **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443922.97    3747147.03        0.05553
443922.97    3747172.03        0.05606
         443897.97    3747197.03        0.05699
443922.97    3747197.03        0.05709
         443897.97    3747222.03        0.05844
443922.97    3747222.03        0.05851
         443947.97    3747222.03        0.05867
443922.97    3747247.03        0.06045
         443947.97    3747247.03        0.06118
443922.97    3747272.03        0.06254
         443947.97    3747272.03        0.06367
443972.97    3747272.03        0.06553
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         443922.97    3747297.03        0.06491
443947.97    3747297.03        0.06580
         443972.97    3747297.03        0.06758
443922.97    3747322.03        0.06761
         443947.97    3747322.03        0.06788
443972.97    3747322.03        0.06912
         443947.97    3747347.03        0.07049
443972.97    3747347.03        0.07084
         443997.97    3747347.03        0.07172
443947.97    3747372.03        0.07266
         443972.97    3747372.03        0.07301
443997.97    3747372.03        0.07349
         443947.97    3747397.03        0.07497
443972.97    3747397.03        0.07480
         443997.97    3747397.03        0.07548
443947.97    3747422.03        0.07833
         443972.97    3747422.03        0.07754
443997.97    3747422.03        0.07766
         444022.97    3747422.03        0.08293
443947.97    3747447.03        0.08305
         443972.97    3747447.03        0.08143
443997.97    3747447.03        0.08149
         444022.97    3747447.03        0.08619
443922.97    3747472.03        0.09445
         443947.97    3747472.03        0.08900
443972.97    3747472.03        0.08642
         443997.97    3747472.03        0.08734
444022.97    3747472.03        0.09089
         443922.97    3747497.03        0.09826
443947.97    3747497.03        0.09535
         443972.97    3747497.03        0.09258
443997.97    3747497.03        0.09160
         444022.97    3747497.03        0.09304
443922.97    3747522.03        0.10070
         443947.97    3747522.03        0.09876
443972.97    3747522.03        0.09589
         443997.97    3747522.03        0.09485
444022.97    3747522.03        0.09529
         444047.97    3747522.03        0.09671
443922.97    3747547.03        0.10323
         443947.97    3747547.03        0.10234
443972.97    3747547.03        0.09939
         443997.97    3747547.03        0.09830
444022.97    3747547.03        0.09856
         444047.97    3747547.03        0.09956
443922.97    3747572.03        0.10577
         443947.97    3747572.03        0.10527
443972.97    3747572.03        0.10222
         443997.97    3747572.03        0.10160
444022.97    3747572.03        0.10218
         444047.97    3747572.03        0.10309
444072.97    3747572.03        0.10386
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         443922.97    3747597.03        0.10891
443947.97    3747597.03        0.10786
         443972.97    3747597.03        0.10516
443997.97    3747597.03        0.10510
         444022.97    3747597.03        0.10601
444047.97    3747597.03        0.10698
         444072.97    3747597.03        0.10777
443922.97    3747622.03        0.11301
         443947.97    3747622.03        0.11092
443972.97    3747622.03        0.10892
         443997.97    3747622.03        0.10889
444022.97    3747622.03        0.10988
         444047.97    3747622.03        0.11108
444072.97    3747622.03        0.11192
         443922.97    3747647.03        0.11747
443947.97    3747647.03        0.11533

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 350
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91W56  ***
                                 INCLUDING SOURCE(S):
L0053556    , L0053557    , L0053558    , L0053559    , L0053560    ,
               L0053561    , L0053562    , L0053563    ,
L0053564    , L0053565    , L0053566    , L0053567    , L0053568    ,
               L0053569    , L0053570    , L0053571    ,
L0053572    , L0053573    , L0053574    , L0053575    , L0053576    ,
               L0053577    , L0053578    , L0053579    ,
L0053580    , L0053581    , L0053582    , L0053583    ,  . . .      ,

                                        *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                       ** CONC OF UNITEMIS IN
MICROGRAMS/M**3                         **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443972.97    3747647.03        0.11329
443997.97    3747647.03        0.11235
         444022.97    3747647.03        0.11345
444047.97    3747647.03        0.11552
         444072.97    3747647.03        0.11639
443922.97    3747672.03        0.12242
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         443947.97    3747672.03        0.12153
443972.97    3747672.03        0.12206
         443997.97    3747672.03        0.12178
444022.97    3747672.03        0.12226
         444047.97    3747672.03        0.12361
444072.97    3747672.03        0.12436
         443922.97    3747697.03        0.13236
443947.97    3747697.03        0.13301
         443972.97    3747697.03        0.13426
443997.97    3747697.03        0.13617
         444022.97    3747697.03        0.13562
444047.97    3747697.03        0.13326
         443922.97    3747722.03        0.14202
443947.97    3747722.03        0.14571
         443972.97    3747722.03        0.14619
443997.97    3747722.03        0.14640
         444022.97    3747722.03        0.14497
444047.97    3747722.03        0.14174
         443922.97    3747747.03        0.14957
443947.97    3747747.03        0.15405
         443972.97    3747747.03        0.15517
443997.97    3747747.03        0.15300
         444022.97    3747747.03        0.15070
443897.97    3747772.03        0.15807
         443922.97    3747772.03        0.15580
443947.97    3747772.03        0.15736
         443972.97    3747772.03        0.16082
443997.97    3747772.03        0.15926
         443897.97    3747797.03        0.16352
443922.97    3747797.03        0.16291
         443947.97    3747797.03        0.16460
443972.97    3747797.03        0.16626
         443997.97    3747797.03        0.16398
443872.97    3747822.03        0.17401
         443897.97    3747822.03        0.17112
443922.97    3747822.03        0.17078
         443947.97    3747822.03        0.17485
443972.97    3747822.03        0.17680
         443997.97    3747822.03        0.17094
443872.97    3747847.03        0.17992
         443897.97    3747847.03        0.17821
443922.97    3747847.03        0.18163
         443947.97    3747847.03        0.18853
443972.97    3747847.03        0.20131
         443997.97    3747847.03        0.18395
443847.97    3747872.03        0.18835
         443872.97    3747872.03        0.18670
443897.97    3747872.03        0.18503
         443922.97    3747872.03        0.19264
443947.97    3747872.03        0.20823
         443972.97    3747872.03        0.22134
443997.97    3747872.03        0.19528
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         443847.97    3747897.03        0.20345
443872.97    3747897.03        0.20259
         443897.97    3747897.03        0.19329
443922.97    3747897.03        0.19840
         443947.97    3747897.03        0.22984
443972.97    3747897.03        0.23141
         443847.97    3747922.03        0.22534
443872.97    3747922.03        0.22928
         443897.97    3747922.03        0.20868
443922.97    3747922.03        0.20607
         443947.97    3747922.03        0.24707
443972.97    3747922.03        0.23643
         443872.97    3747947.03        0.24832
443897.97    3747947.03        0.24279
         443922.97    3747947.03        0.24663
443947.97    3747947.03        0.25795
         443872.97    3747972.03        0.26153
443897.97    3747972.03        0.26182
         443922.97    3747972.03        0.26731
443947.97    3747972.03        0.26353
         443872.97    3747997.03        0.27573
443897.97    3747997.03        0.27935

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 351
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91W56  ***
                                 INCLUDING SOURCE(S):
L0053556    , L0053557    , L0053558    , L0053559    , L0053560    ,
               L0053561    , L0053562    , L0053563    ,
L0053564    , L0053565    , L0053566    , L0053567    , L0053568    ,
               L0053569    , L0053570    , L0053571    ,
L0053572    , L0053573    , L0053574    , L0053575    , L0053576    ,
               L0053577    , L0053578    , L0053579    ,
L0053580    , L0053581    , L0053582    , L0053583    ,  . . .      ,

                                          *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                         ** CONC OF UNITEMIS IN
MICROGRAMS/M**3                           **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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```
         443922.97    3747997.03        0.27945
443947.97    3747997.03        0.27273
         443897.97    3748022.03        0.29295
443922.97    3748022.03        0.29024
         443947.97    3748022.03        0.28320
443972.97    3748022.03        0.26958
         443897.97    3748047.03        0.30464
443922.97    3748047.03        0.30150
         443947.97    3748047.03        0.29220
443972.97    3748047.03        0.28185
         443997.97    3748047.03        0.27198
443897.97    3748072.03        0.31715
         443922.97    3748072.03        0.31334
443947.97    3748072.03        0.30004
         443972.97    3748072.03        0.29235
443997.97    3748072.03        0.28591
         444022.97    3748072.03        0.28213
443897.97    3748097.03        0.33048
         443922.97    3748097.03        0.32629
443947.97    3748097.03        0.31267
         443972.97    3748097.03        0.30476
443997.97    3748097.03        0.30113
         444022.97    3748097.03        0.29895
444047.97    3748097.03        0.29689
         443897.97    3748122.03        0.34315
443922.97    3748122.03        0.33574
         443947.97    3748122.03        0.33157
443972.97    3748122.03        0.32823
         443997.97    3748122.03        0.32189
444022.97    3748122.03        0.31462
         444047.97    3748122.03        0.31089
444072.97    3748122.03        0.31469
         443872.97    3748147.03        0.37148
443897.97    3748147.03        0.36779
         443922.97    3748147.03        0.35524
443947.97    3748147.03        0.35254
         443972.97    3748147.03        0.34993
443997.97    3748147.03        0.33942
         444022.97    3748147.03        0.33112
444047.97    3748147.03        0.32967
         444072.97    3748147.03        0.33378
444097.97    3748147.03        0.33968
         443872.97    3748172.03        0.39943
443897.97    3748172.03        0.39878
         443922.97    3748172.03        0.38255
443947.97    3748172.03        0.37587
         443972.97    3748172.03        0.36596
443997.97    3748172.03        0.35667
         444022.97    3748172.03        0.35119
444047.97    3748172.03        0.35084
         444072.97    3748172.03        0.35498
444097.97    3748172.03        0.35916
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         444122.97    3748172.03        0.35366
443847.97    3748197.03        0.43011
         443872.97    3748197.03        0.43628
443897.97    3748197.03        0.43448
         443922.97    3748197.03        0.41584
443947.97    3748197.03        0.40476
         443972.97    3748197.03        0.38717
443997.97    3748197.03        0.37849
         444022.97    3748197.03        0.37578
444047.97    3748197.03        0.37715
         444072.97    3748197.03        0.38085
444097.97    3748197.03        0.38008
         444122.97    3748197.03        0.37076
444147.97    3748197.03        0.35446
         443822.97    3748222.03        0.47200
443847.97    3748222.03        0.48953
         443872.97    3748222.03        0.49120
443897.97    3748222.03        0.47777
         443922.97    3748222.03        0.45599
443947.97    3748222.03        0.44349
         443972.97    3748222.03        0.42370
443997.97    3748222.03        0.41032
         444022.97    3748222.03        0.40695
444047.97    3748222.03        0.41015
         444072.97    3748222.03        0.41127
444097.97    3748222.03        0.39879
         444122.97    3748222.03        0.38684
444147.97    3748222.03        0.36614

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 352
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91W56  ***
                                  INCLUDING SOURCE(S):
L0053556    , L0053557    , L0053558    , L0053559    , L0053560    ,
               L0053561    , L0053562    , L0053563    ,
L0053564    , L0053565    , L0053566    , L0053567    , L0053568    ,
               L0053569    , L0053570    , L0053571    ,
L0053572    , L0053573    , L0053574    , L0053575    , L0053576    ,
               L0053577    , L0053578    , L0053579    ,
L0053580    , L0053581    , L0053582    , L0053583    ,  . . .      ,

                                                 *** DISCRETE CARTESIAN
RECEPTOR POINTS ***
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** CONC OF UNITEMIS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
443797.97	3748247.03	0.48534	443822.97	3748247.03	0.54359
443847.97	3748247.03	0.57626	443872.97	3748247.03	0.57247
443897.97	3748247.03	0.54684	443922.97	3748247.03	0.51381
443947.97	3748247.03	0.49627	443972.97	3748247.03	0.47213
443997.97	3748247.03	0.45669	444022.97	3748247.03	0.44899
444047.97	3748247.03	0.44530	444072.97	3748247.03	0.43888
444097.97	3748247.03	0.41847	444122.97	3748247.03	0.39962
443772.97	3748272.03	0.55790	443797.97	3748272.03	0.61093
443822.97	3748272.03	0.61233	443847.97	3748272.03	0.61211
443872.97	3748272.03	0.61026	443897.97	3748272.03	0.60034
443922.97	3748272.03	0.57309	443997.97	3748272.03	0.50082
444022.97	3748272.03	0.49209	444047.97	3748272.03	0.48225
444072.97	3748272.03	0.46038	444097.97	3748272.03	0.43174
443747.97	3748297.03	0.61425	443772.97	3748297.03	0.62835
443797.97	3748297.03	0.65829	443822.97	3748297.03	0.65020
443847.97	3748297.03	0.64554	443872.97	3748297.03	0.64113
444022.97	3748297.03	0.53897	444047.97	3748297.03	0.51453
444072.97	3748297.03	0.47656	443322.97	3748322.03	0.66865
443347.97	3748322.03	0.67823	443372.97	3748322.03	0.68148
443697.97	3748322.03	0.68401	443722.97	3748322.03	0.68311
443747.97	3748322.03	0.69038	443772.97	3748322.03	0.68581
443797.97	3748322.03	0.68921	443822.97	3748322.03	0.68346

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         443847.97    3748322.03        0.67675
443997.97    3748322.03        0.64254
         444022.97    3748322.03        0.61080
444047.97    3748322.03        0.54296
         444072.97    3748322.03        0.49369
443322.97    3748347.03        0.70407
         443347.97    3748347.03        0.71156
443372.97    3748347.03        0.71833
         443397.97    3748347.03        0.71417
443697.97    3748347.03        0.74707
         443722.97    3748347.03        0.74223
443747.97    3748347.03        0.73537
         443772.97    3748347.03        0.73011
443797.97    3748347.03        0.72266
         443972.97    3748347.03        0.70644
443997.97    3748347.03        0.69695
         444022.97    3748347.03        0.65706
444047.97    3748347.03        0.56935
         443322.97    3748372.03        0.74617
443347.97    3748372.03        0.75356
         443372.97    3748372.03        0.76516
443397.97    3748372.03        0.76222
         443422.97    3748372.03        0.76250
443647.97    3748372.03        0.82185
         443672.97    3748372.03        0.82979
443697.97    3748372.03        0.81587
         443722.97    3748372.03        0.79690
443747.97    3748372.03        0.77311
         443772.97    3748372.03        0.76542
443972.97    3748372.03        0.75355
         443997.97    3748372.03        0.73904
444022.97    3748372.03        0.69695
         443322.97    3748397.03        0.79491
443347.97    3748397.03        0.82364
         443372.97    3748397.03        0.82898
443397.97    3748397.03        0.81622

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 353
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91W56  ***
                                  INCLUDING SOURCE(S):
L0053556    , L0053557    , L0053558    , L0053559    , L0053560    ,
               L0053561    , L0053562    , L0053563    ,
L0053564    , L0053565    , L0053566    , L0053567    , L0053568    ,
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                L0053569    , L0053570    , L0053571    ,
L0053572    , L0053573    , L0053574    , L0053575    , L0053576    ,
                L0053577    , L0053578    , L0053579    ,
L0053580    , L0053581    , L0053582    , L0053583    ,  . . .      ,

                                          *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                         ** CONC OF UNITEMIS IN
MICROGRAMS/M**3                           **

       X-COORD (M)   Y-COORD (M)        CONC                       X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443422.97    3748397.03        0.82326
443447.97    3748397.03        0.84129
         443597.97    3748397.03        0.81731
443622.97    3748397.03        0.79756
         443647.97    3748397.03        0.91584
443672.97    3748397.03        0.92531
         443697.97    3748397.03        0.88426
443722.97    3748397.03        0.83491
         443747.97    3748397.03        0.81143
443947.97    3748397.03        0.81069
         443972.97    3748397.03        0.80999
443997.97    3748397.03        0.78848
         444022.97    3748397.03        0.74451
443322.97    3748422.03        0.84227
         443347.97    3748422.03        0.93093
443372.97    3748422.03        0.87752
         443397.97    3748422.03        0.86153
443422.97    3748422.03        0.89168
         443447.97    3748422.03        0.93249
443472.97    3748422.03        0.93965
         443547.97    3748422.03        0.91800
443572.97    3748422.03        0.91740
         443597.97    3748422.03        0.92720
443622.97    3748422.03        0.96263
         443647.97    3748422.03        0.98078
443672.97    3748422.03        0.95269
         443697.97    3748422.03        0.90568
443722.97    3748422.03        0.87907
         443947.97    3748422.03        0.86309
443972.97    3748422.03        0.86198
         443997.97    3748422.03        0.81340
443322.97    3748447.03        0.95693
         443347.97    3748447.03        0.99354
443372.97    3748447.03        0.95291
         443422.97    3748447.03        0.97767
443447.97    3748447.03        1.02701
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         443472.97    3748447.03        1.03974
443497.97    3748447.03        1.03513
         443522.97    3748447.03        1.03808
443547.97    3748447.03        1.04621
         443572.97    3748447.03        1.04008
443597.97    3748447.03        1.02699
         443622.97    3748447.03        1.03946
443647.97    3748447.03        1.04320
         443672.97    3748447.03        0.96625
443697.97    3748447.03        0.91046
         443922.97    3748447.03        0.92811
443947.97    3748447.03        0.92422
         443972.97    3748447.03        0.89460
443297.97    3748472.03        1.03448
         443322.97    3748472.03        1.04408
443347.97    3748472.03        0.98222
         443422.97    3748472.03        1.06695
443447.97    3748472.03        1.10472
         443472.97    3748472.03        1.11351
443497.97    3748472.03        1.11831
         443522.97    3748472.03        1.12238
443547.97    3748472.03        1.11792
         443572.97    3748472.03        1.08670
443597.97    3748472.03        1.04239
         443622.97    3748472.03        1.05494
443647.97    3748472.03        1.04798
         443672.97    3748472.03        0.98482
443897.97    3748472.03        0.99593
         443922.97    3748472.03        0.98771
443947.97    3748472.03        0.97087
         443972.97    3748472.03        0.89838
443297.97    3748497.03        1.09201
         443322.97    3748497.03        1.09597
443347.97    3748497.03        1.02624
         443397.97    3748497.03        1.08499
443422.97    3748497.03        1.14063
         443447.97    3748497.03        1.17109
443472.97    3748497.03        1.18027
         443497.97    3748497.03        1.18614
443522.97    3748497.03        1.19084
         443547.97    3748497.03        1.16452
443572.97    3748497.03        1.12079
         443597.97    3748497.03        1.08906
443622.97    3748497.03        1.10519

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 354
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: SR91W56 ***
INCLUDING SOURCE(S):

L0053556 , L0053557 , L0053558 , L0053559 , L0053560 ,
L0053561 , L0053562 , L0053563 ,
L0053564 , L0053565 , L0053566 , L0053567 , L0053568 ,
L0053569 , L0053570 , L0053571 ,
L0053572 , L0053573 , L0053574 , L0053575 , L0053576 ,
L0053577 , L0053578 , L0053579 ,
L0053580 , L0053581 , L0053582 , L0053583 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF UNITEMIS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
443647.97	3748497.03	1.09338	443897.97	3748497.03	1.06806
443922.97	3748497.03	1.05797	443947.97	3748497.03	1.02452
443272.97	3748522.03	1.14617	443297.97	3748522.03	1.15758
443322.97	3748522.03	1.13850	443397.97	3748522.03	1.17937
443422.97	3748522.03	1.23089	443447.97	3748522.03	1.24531
443472.97	3748522.03	1.25293	443497.97	3748522.03	1.25857
443522.97	3748522.03	1.24887	443547.97	3748522.03	1.14119
443572.97	3748522.03	1.08502	443597.97	3748522.03	1.12076
443622.97	3748522.03	1.13498	443647.97	3748522.03	1.11722
443872.97	3748522.03	1.15083	443897.97	3748522.03	1.14305
443922.97	3748522.03	1.12805	443272.97	3748547.03	1.23925
443297.97	3748547.03	1.22663	443322.97	3748547.03	1.16160
443422.97	3748547.03	1.31403	443447.97	3748547.03	1.32360
443472.97	3748547.03	1.32503	443497.97	3748547.03	1.32633
443522.97	3748547.03	1.18723	443547.97	3748547.03	1.15794

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         443572.97    3748547.03        1.14713
443597.97    3748547.03        1.13984
         443622.97    3748547.03        1.18801
443647.97    3748547.03        1.17813
         443672.97    3748547.03        1.16766
443847.97    3748547.03        1.24175
         443872.97    3748547.03        1.23637
443897.97    3748547.03        1.22386
         443922.97    3748547.03        1.17432
443247.97    3748572.03        1.25760
         443272.97    3748572.03        1.30775
443297.97    3748572.03        1.30823
         443322.97    3748572.03        1.25783
443422.97    3748572.03        1.39906
         443447.97    3748572.03        1.41105
443472.97    3748572.03        1.41719
         443497.97    3748572.03        1.34648
443522.97    3748572.03        1.25648
         443547.97    3748572.03        1.22456
443572.97    3748572.03        1.21817
         443597.97    3748572.03        1.22460
443622.97    3748572.03        1.23934
         443647.97    3748572.03        1.24472
443672.97    3748572.03        1.26754
         443697.97    3748572.03        1.27909
443822.97    3748572.03        1.36668
         443847.97    3748572.03        1.35875
443872.97    3748572.03        1.33224
         443897.97    3748572.03        1.30212
443247.97    3748597.03        1.35103
         443272.97    3748597.03        1.38746
443297.97    3748597.03        1.39801
         443397.97    3748597.03        1.47726
443422.97    3748597.03        1.49307
         443447.97    3748597.03        1.50125
443472.97    3748597.03        1.47452
         443497.97    3748597.03        1.39639
443572.97    3748597.03        1.33641
         443597.97    3748597.03        1.34824
443622.97    3748597.03        1.36002
         443647.97    3748597.03        1.37164
443672.97    3748597.03        1.39011
         443697.97    3748597.03        1.43789
443722.97    3748597.03        1.48378
         443797.97    3748597.03        1.51293
443822.97    3748597.03        1.49736
         443847.97    3748597.03        1.45139
443872.97    3748597.03        1.42745
         443222.97    3748622.03        1.44007
443247.97    3748622.03        1.46443
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES
AVERAGED OVER 5 YEARS FOR SOURCE GROUP: SR91W56 ***
INCLUDING SOURCE(S):
L0053556 , L0053557 , L0053558 , L0053559 , L0053560 ,
L0053561 , L0053562 , L0053563 ,
L0053564 , L0053565 , L0053566 , L0053567 , L0053568 ,
L0053569 , L0053570 , L0053571 ,
L0053572 , L0053573 , L0053574 , L0053575 , L0053576 ,
L0053577 , L0053578 , L0053579 ,
L0053580 , L0053581 , L0053582 , L0053583 , . . . ,

*** DISCRETE CARTESIAN
RECEPTOR POINTS ***

** CONC OF UNITEMIS IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
443272.97	3748622.03	1.48093	443297.97	3748622.03	1.49175
443397.97	3748622.03	1.57997	443422.97	3748622.03	1.59751
443447.97	3748622.03	1.59679	443472.97	3748622.03	1.53426
443597.97	3748622.03	1.51956	443622.97	3748622.03	1.53766
443647.97	3748622.03	1.55493	443672.97	3748622.03	1.58184
443697.97	3748622.03	1.63844	443722.97	3748622.03	1.67960
443747.97	3748622.03	1.69468	443772.97	3748622.03	1.69708
443797.97	3748622.03	1.68985	443822.97	3748622.03	1.62732
443847.97	3748622.03	1.57093	443222.97	3748647.03	1.56400
443247.97	3748647.03	1.57626	443272.97	3748647.03	1.58417
443372.97	3748647.03	1.67494	443397.97	3748647.03	1.69369

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         443422.97    3748647.03        1.70697
443447.97    3748647.03        1.69187
         443622.97    3748647.03        1.73602
443647.97    3748647.03        1.77313
         443672.97    3748647.03        1.80203
443697.97    3748647.03        1.83128
         443722.97    3748647.03        1.84706
443747.97    3748647.03        1.85501
         443772.97    3748647.03        1.85776
443797.97    3748647.03        1.84949
         443822.97    3748647.03        1.76835
443197.97    3748672.03        1.68024
         443222.97    3748672.03        1.69331
443247.97    3748672.03        1.68914
         443272.97    3748672.03        1.69635
443347.97    3748672.03        1.78564
         443372.97    3748672.03        1.79941
443397.97    3748672.03        1.81656
         443422.97    3748672.03        1.79618
443572.97    3748672.03        1.89932
         443597.97    3748672.03        1.91827
443622.97    3748672.03        1.94125
         443647.97    3748672.03        1.97007
443672.97    3748672.03        1.98910
         443697.97    3748672.03        2.00553
443722.97    3748672.03        2.01902
         443747.97    3748672.03        2.02678
443772.97    3748672.03        2.02500
         443797.97    3748672.03        1.97782
443197.97    3748697.03        1.79568
         443222.97    3748697.03        1.79455
443247.97    3748697.03        1.81013
         443347.97    3748697.03        1.92842
443372.97    3748697.03        1.93260
         443397.97    3748697.03        1.90752
443522.97    3748697.03        2.07932
         443547.97    3748697.03        2.11031
443572.97    3748697.03        2.12772
         443597.97    3748697.03        2.13405
443622.97    3748697.03        2.14373
         443647.97    3748697.03        2.15687
443672.97    3748697.03        2.17999
         443697.97    3748697.03        2.20083
443722.97    3748697.03        2.21419
         443747.97    3748697.03        2.21796
443772.97    3748697.03        2.20169
         443172.97    3748722.03        1.90500
443197.97    3748722.03        1.93221
         443222.97    3748722.03        1.91508
443247.97    3748722.03        1.91569
         443322.97    3748722.03        2.06442
443347.97    3748722.03        2.08109
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         443372.97    3748722.03        2.09113
443472.97    3748722.03        2.22602
         443497.97    3748722.03        2.24598
443522.97    3748722.03        2.28370
         443547.97    3748722.03        2.31191
443572.97    3748722.03        2.33537

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 356
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91W56  ***
                                 INCLUDING SOURCE(S):
L0053556    , L0053557    , L0053558    , L0053559    , L0053560    ,
               L0053561    , L0053562    , L0053563    ,
L0053564    , L0053565    , L0053566    , L0053567    , L0053568    ,
               L0053569    , L0053570    , L0053571    ,
L0053572    , L0053573    , L0053574    , L0053575    , L0053576    ,
               L0053577    , L0053578    , L0053579    ,
L0053580    , L0053581    , L0053582    , L0053583    ,  . . .      ,

                                          *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                         ** CONC OF UNITEMIS IN
MICROGRAMS/M**3                           **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443597.97    3748722.03        2.34990
443622.97    3748722.03        2.35457
         443647.97    3748722.03        2.37307
443672.97    3748722.03        2.40210
         443697.97    3748722.03        2.42853
443722.97    3748722.03        2.43664
         443747.97    3748722.03        2.37625
443172.97    3748747.03        2.05105
         443197.97    3748747.03        2.07483
443222.97    3748747.03        2.01861
         443297.97    3748747.03        2.20540
443322.97    3748747.03        2.23461
         443347.97    3748747.03        2.26277
443447.97    3748747.03        2.39925
         443472.97    3748747.03        2.43373
443497.97    3748747.03        2.46875
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         443522.97    3748747.03        2.49869
443547.97    3748747.03        2.53153
         443572.97    3748747.03        2.55925
443597.97    3748747.03        2.57415
         443622.97    3748747.03        2.59193
443647.97    3748747.03        2.61633
         443672.97    3748747.03        2.65112
443697.97    3748747.03        2.67955
         443722.97    3748747.03        2.67006
443147.97    3748772.03        2.19125
         443172.97    3748772.03        2.21500
443197.97    3748772.03        2.19840
         443222.97    3748772.03        2.19245
443297.97    3748772.03        2.39596
         443322.97    3748772.03        2.43021
443397.97    3748772.03        2.55247
         443422.97    3748772.03        2.58953
443447.97    3748772.03        2.63186
         443472.97    3748772.03        2.67296
443497.97    3748772.03        2.70882
         443522.97    3748772.03        2.73806
443547.97    3748772.03        2.76778
         443572.97    3748772.03        2.78927
443597.97    3748772.03        2.81490
         443622.97    3748772.03        2.84830
443647.97    3748772.03        2.89117
         443122.97    3748797.03        2.34379
443147.97    3748797.03        2.37640
         443172.97    3748797.03        2.40422
443197.97    3748797.03        2.37789
         443222.97    3748797.03        2.46480
443247.97    3748797.03        2.53837
         443272.97    3748797.03        2.57922
443297.97    3748797.03        2.61924
         443372.97    3748797.03        2.76177
443397.97    3748797.03        2.81030
         443422.97    3748797.03        2.85292
443447.97    3748797.03        2.89511
         443472.97    3748797.03        2.93833
443497.97    3748797.03        2.95625
         443522.97    3748797.03        2.97409
443547.97    3748797.03        3.01829
         443572.97    3748797.03        3.07355
443097.97    3748822.03        2.50710
         443122.97    3748822.03        2.55020
443147.97    3748822.03        2.58778
         443172.97    3748822.03        2.63220
443197.97    3748822.03        2.68617
         443222.97    3748822.03        2.74207
443247.97    3748822.03        2.78839
         443272.97    3748822.03        2.83733
443297.97    3748822.03        2.88434
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         443322.97    3748822.03        2.93447
443347.97    3748822.03        2.98700
         443372.97    3748822.03        3.05992
443397.97    3748822.03        3.11433
         443422.97    3748822.03        3.15302
443447.97    3748822.03        3.20022
         443472.97    3748822.03        3.22329
443072.97    3748847.03        2.70810
         443097.97    3748847.03        2.78873
443122.97    3748847.03        2.79942
         443147.97    3748847.03        2.85144
443272.97    3748847.03        3.14779

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 357
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91W56  ***
                                 INCLUDING SOURCE(S):
L0053556    , L0053557    , L0053558    , L0053559    , L0053560    ,
               L0053561    , L0053562    , L0053563    ,
L0053564    , L0053565    , L0053566    , L0053567    , L0053568    ,
               L0053569    , L0053570    , L0053571    ,
L0053572    , L0053573    , L0053574    , L0053575    , L0053576    ,
               L0053577    , L0053578    , L0053579    ,
L0053580    , L0053581    , L0053582    , L0053583    ,  . . .      ,

                                          *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                         ** CONC OF UNITEMIS IN
MICROGRAMS/M**3                           **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443297.97    3748847.03        3.21464
443322.97    3748847.03        3.28285
         443347.97    3748847.03        3.35011
443372.97    3748847.03        3.41050
         443397.97    3748847.03        3.45641
443072.97    3748872.03        3.03753
         443097.97    3748872.03        3.09229
443122.97    3748872.03        3.12907
         443272.97    3748872.03        3.52023
443297.97    3748872.03        3.61226
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         443322.97    3748872.03        3.69716
443347.97    3748872.03        3.76480
         443047.97    3748897.03        3.31955
443072.97    3748897.03        3.38014
         443097.97    3748897.03        3.45390
443122.97    3748897.03        3.52568
         443297.97    3748897.03        4.11896
443322.97    3748897.03        4.21883
         443028.81    3748928.79        3.78457
443047.97    3748922.03        3.71057
         443072.97    3748922.03        3.80104
443097.97    3748922.03        3.88350
         443122.97    3748922.03        3.96553
443147.97    3748922.03        4.03772
         443172.97    3748922.03        4.10670
443003.50    3748951.03        4.13470
         443022.97    3748947.03        4.11602
443047.97    3748947.03        4.18578
         443072.97    3748947.03        4.32072
443097.97    3748947.03        4.42189
         443122.97    3748947.03        4.51512
443147.97    3748947.03        4.62117
         443172.97    3748947.03        4.75275
442977.27    3748975.72        4.62353
         442997.97    3748972.03        4.59528
443022.97    3748972.03        4.69758
         443047.97    3748972.03        4.83356
443072.97    3748972.03        4.98875
         443097.97    3748972.03        5.12413
443122.97    3748972.03        5.28212
         443147.97    3748972.03        5.48657
443172.97    3748972.03        5.72533
         442947.97    3748997.03        5.13227
442972.97    3748997.03        5.23699
         442997.97    3748997.03        5.36463
443022.97    3748997.03        5.50023
         443047.97    3748997.03        5.68557
443072.97    3748997.03        5.87797
         443097.97    3748997.03        6.15182
443122.97    3748997.03        6.48858
         443147.97    3748997.03        6.84563
442922.97    3749022.03        5.99694
         442947.97    3749022.03        6.15093
442972.97    3749022.03        6.35675
         442997.97    3749022.03        6.57921
443022.97    3749022.03        6.77899
         443047.97    3749022.03        7.05118
443072.97    3749022.03        7.36510
         443102.27    3749028.48        8.59375
443118.05    3749011.89        7.41731
         442918.36    3749057.17        8.18872
442947.05    3749054.10        8.27654
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         442972.97    3749047.03        8.03645
442997.97    3749047.03        8.40001
         443018.97    3749057.17        9.78350
443043.67    3749053.18        9.94983
         443072.97    3749047.03        9.89885
442904.73    3749080.33       10.61520
         442925.74    3749077.56       10.75899
442947.97    3749072.03       10.40263
         442972.66    3749064.96        9.95492
443321.39    3748281.81        0.61372
         443345.73    3748282.87        0.62913
443372.19    3748295.57        0.64852
         443398.64    3748320.97        0.67187
443920.42    3747346.84        0.07015
         443920.89    3747371.73        0.07288
443923.71    3747395.21        0.07602
         443922.30    3747421.03        0.07978
443923.24    3747444.04        0.08462

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 358
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91W56  ***
                                 INCLUDING SOURCE(S):
L0053556    , L0053557    , L0053558    , L0053559    , L0053560    ,
               L0053561    , L0053562    , L0053563    ,
L0053564    , L0053565    , L0053566    , L0053567    , L0053568    ,
               L0053569    , L0053570    , L0053571    ,
L0053572    , L0053573    , L0053574    , L0053575    , L0053576    ,
               L0053577    , L0053578    , L0053579    ,
L0053580    , L0053581    , L0053582    , L0053583    ,  . . .      ,

                                          *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                         ** CONC OF UNITEMIS IN
MICROGRAMS/M**3                           **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         442945.03    3749041.56        7.26606

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: SR91WHOV ***
INCLUDING SOURCE(S):
L0053243 , L0053244 , L0053245 , L0053246 , L0053247 , L0053248 , L0053249 , L0053250 ,
L0053251 , L0053252 , L0053253 , L0053254 , L0053255 , L0053256 , L0053257 , L0053258 ,
L0053259 , L0053260 , L0053261 , L0053262 , L0053263 , L0053264 , L0053265 , L0053266 ,
L0053267 , L0053268 , L0053269 , L0053270 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF UNITEMIS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
443922.97	3747147.03	0.03183	443922.97	3747172.03	0.03208
443897.97	3747197.03	0.03265	443922.97	3747197.03	0.03261
443897.97	3747222.03	0.03342	443922.97	3747222.03	0.03336
443947.97	3747222.03	0.03336	443922.97	3747247.03	0.03441
443947.97	3747247.03	0.03473	443922.97	3747272.03	0.03554
443947.97	3747272.03	0.03608	443972.97	3747272.03	0.03703
443922.97	3747297.03	0.03683	443947.97	3747297.03	0.03723
443972.97	3747297.03	0.03812	443922.97	3747322.03	0.03830
443947.97	3747322.03	0.03835	443972.97	3747322.03	0.03894
443947.97	3747347.03	0.03976	443972.97	3747347.03	0.03986
443997.97	3747347.03	0.04025	443947.97	3747372.03	0.04093
443972.97	3747372.03	0.04102	443997.97	3747372.03	0.04119

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         443947.97    3747397.03        0.04218
443972.97    3747397.03        0.04198
         443997.97    3747397.03        0.04225
443947.97    3747422.03        0.04400
         443972.97    3747422.03        0.04345
443997.97    3747422.03        0.04341
         444022.97    3747422.03        0.04618
443947.97    3747447.03        0.04656
         443972.97    3747447.03        0.04556
443997.97    3747447.03        0.04547
         444022.97    3747447.03        0.04792
443922.97    3747472.03        0.05287
         443947.97    3747472.03        0.04979
443972.97    3747472.03        0.04825
         443997.97    3747472.03        0.04863
444022.97    3747472.03        0.05043
         443922.97    3747497.03        0.05492
443947.97    3747497.03        0.05322
         443972.97    3747497.03        0.05158
443997.97    3747497.03        0.05091
         444022.97    3747497.03        0.05156
443922.97    3747522.03        0.05623
         443947.97    3747522.03        0.05504
443972.97    3747522.03        0.05334
         443997.97    3747522.03        0.05264
444022.97    3747522.03        0.05273
         444047.97    3747522.03        0.05336
443922.97    3747547.03        0.05758
         443947.97    3747547.03        0.05695
443972.97    3747547.03        0.05521
         443997.97    3747547.03        0.05447
444022.97    3747547.03        0.05445
         444047.97    3747547.03        0.05484
443922.97    3747572.03        0.05893
         443947.97    3747572.03        0.05851
443972.97    3747572.03        0.05670
         443997.97    3747572.03        0.05621
444022.97    3747572.03        0.05636
         444047.97    3747572.03        0.05668
444072.97    3747572.03        0.05692
         443922.97    3747597.03        0.06061
443947.97    3747597.03        0.05988
         443972.97    3747597.03        0.05825
443997.97    3747597.03        0.05805
         444022.97    3747597.03        0.05836
444047.97    3747597.03        0.05871
         444072.97    3747597.03        0.05894
443922.97    3747622.03        0.06279
         443947.97    3747622.03        0.06149
443972.97    3747622.03        0.06023
         443997.97    3747622.03        0.06003
444022.97    3747622.03        0.06038
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         444047.97    3747622.03        0.06083
444072.97    3747622.03        0.06108
         443922.97    3747647.03        0.06516
443947.97    3747647.03        0.06382

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 360
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91WHOV ***
                                INCLUDING SOURCE(S):
L0053243    , L0053244    , L0053245    , L0053246    , L0053247    ,
                L0053248    , L0053249    , L0053250    ,
L0053251    , L0053252    , L0053253    , L0053254    , L0053255    ,
                L0053256    , L0053257    , L0053258    ,
L0053259    , L0053260    , L0053261    , L0053262    , L0053263    ,
                L0053264    , L0053265    , L0053266    ,
L0053267    , L0053268    , L0053269    , L0053270    ,  . . .      ,

                                             *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                          ** CONC OF UNITEMIS IN
MICROGRAMS/M**3                            **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443972.97    3747647.03        0.06253
443997.97    3747647.03        0.06183
         444022.97    3747647.03        0.06222
444047.97    3747647.03        0.06313
         444072.97    3747647.03        0.06338
443922.97    3747672.03        0.06779
         443947.97    3747672.03        0.06711
443972.97    3747672.03        0.06719
         443997.97    3747672.03        0.06683
444022.97    3747672.03        0.06687
         444047.97    3747672.03        0.06737
444072.97    3747672.03        0.06755
         443922.97    3747697.03        0.07311
443947.97    3747697.03        0.07325
         443972.97    3747697.03        0.07371
443997.97    3747697.03        0.07452
         444022.97    3747697.03        0.07398
444047.97    3747697.03        0.07246
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         443922.97    3747722.03        0.07828
443947.97    3747722.03        0.08005
         443972.97    3747722.03        0.08008
443997.97    3747722.03        0.07995
         444022.97    3747722.03        0.07892
444047.97    3747722.03        0.07691
         443922.97    3747747.03        0.08228
443947.97    3747747.03        0.08448
         443972.97    3747747.03        0.08484
443997.97    3747747.03        0.08340
         444022.97    3747747.03        0.08188
443897.97    3747772.03        0.08705
         443922.97    3747772.03        0.08555
443947.97    3747772.03        0.08614
         443972.97    3747772.03        0.08777
443997.97    3747772.03        0.08665
         443897.97    3747797.03        0.08990
443922.97    3747797.03        0.08929
         443947.97    3747797.03        0.08993
443972.97    3747797.03        0.09056
         443997.97    3747797.03        0.08903
443872.97    3747822.03        0.09576
         443897.97    3747822.03        0.09390
443922.97    3747822.03        0.09342
         443947.97    3747822.03        0.09537
443972.97    3747822.03        0.09617
         443997.97    3747822.03        0.09264
443872.97    3747847.03        0.09884
         443897.97    3747847.03        0.09761
443922.97    3747847.03        0.09918
         443947.97    3747847.03        0.10273
443972.97    3747847.03        0.10978
         443997.97    3747847.03        0.09959
443847.97    3747872.03        0.10360
         443872.97    3747872.03        0.10239
443897.97    3747872.03        0.10116
         443922.97    3747872.03        0.10504
443947.97    3747872.03        0.11360
         443972.97    3747872.03        0.12109
443997.97    3747872.03        0.10564
         443847.97    3747897.03        0.11170
443872.97    3747897.03        0.11091
         443897.97    3747897.03        0.10548
443922.97    3747897.03        0.10797
         443947.97    3747897.03        0.12578
443972.97    3747897.03        0.12651
         443847.97    3747922.03        0.12366
443872.97    3747922.03        0.12564
         443897.97    3747922.03        0.11371
443922.97    3747922.03        0.11195
         443947.97    3747922.03        0.13549
443972.97    3747922.03        0.12886
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         443872.97    3747947.03        0.13617
443897.97    3747947.03        0.13270
         443922.97    3747947.03        0.13471
443947.97    3747947.03        0.14132
         443872.97    3747972.03        0.14330
443897.97    3747972.03        0.14326
         443922.97    3747972.03        0.14636
443947.97    3747972.03        0.14390
         443872.97    3747997.03        0.15099
443897.97    3747997.03        0.15297

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 361
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91WHOV ***
                                INCLUDING SOURCE(S):
L0053243    , L0053244    , L0053245    , L0053246    , L0053247    ,
               L0053248    , L0053249    , L0053250    ,
L0053251    , L0053252    , L0053253    , L0053254    , L0053255    ,
               L0053256    , L0053257    , L0053258    ,
L0053259    , L0053260    , L0053261    , L0053262    , L0053263    ,
               L0053264    , L0053265    , L0053266    ,
L0053267    , L0053268    , L0053269    , L0053270    ,  . . .      ,

                                          *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                         ** CONC OF UNITEMIS IN
MICROGRAMS/M**3                           **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443922.97    3747997.03        0.15286
443947.97    3747997.03        0.14864
         443897.97    3748022.03        0.16028
443922.97    3748022.03        0.15850
         443947.97    3748022.03        0.15410
443972.97    3748022.03        0.14583
         443897.97    3748047.03        0.16640
443922.97    3748047.03        0.16437
         443947.97    3748047.03        0.15865
443972.97    3748047.03        0.15234
         443997.97    3748047.03        0.14637
443897.97    3748072.03        0.17296
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         443922.97    3748072.03        0.17054
443947.97    3748072.03        0.16248
         443972.97    3748072.03        0.15777
443997.97    3748072.03        0.15380
         444022.97    3748072.03        0.15138
443897.97    3748097.03        0.17996
         443922.97    3748097.03        0.17732
443947.97    3748097.03        0.16910
         443972.97    3748097.03        0.16428
443997.97    3748097.03        0.16195
         444022.97    3748097.03        0.16046
444047.97    3748097.03        0.15903
         443897.97    3748122.03        0.18652
443922.97    3748122.03        0.18198
         443947.97    3748122.03        0.17936
443972.97    3748122.03        0.17721
         443997.97    3748122.03        0.17329
444022.97    3748122.03        0.16881
         444047.97    3748122.03        0.16640
444072.97    3748122.03        0.16841
         443872.97    3748147.03        0.20244
443897.97    3748147.03        0.20011
         443922.97    3748147.03        0.19252
443947.97    3748147.03        0.19077
         443972.97    3748147.03        0.18908
443997.97    3748147.03        0.18268
         444022.97    3748147.03        0.17759
444047.97    3748147.03        0.17651
         444072.97    3748147.03        0.17873
444097.97    3748147.03        0.18208
         443872.97    3748172.03        0.21793
443897.97    3748172.03        0.21744
         443922.97    3748172.03        0.20762
443947.97    3748172.03        0.20352
         443972.97    3748172.03        0.19747
443997.97    3748172.03        0.19181
         444022.97    3748172.03        0.18837
444047.97    3748172.03        0.18795
         444072.97    3748172.03        0.19021
444097.97    3748172.03        0.19255
         444122.97    3748172.03        0.18898
443847.97    3748197.03        0.23510
         443872.97    3748197.03        0.23862
443897.97    3748197.03        0.23749
         443922.97    3748197.03        0.22624
443947.97    3748197.03        0.21949
         443972.97    3748197.03        0.20885
443997.97    3748197.03        0.20353
         444022.97    3748197.03        0.20173
444047.97    3748197.03        0.20235
         444072.97    3748197.03        0.20441
444097.97    3748197.03        0.20374
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```
         444122.97    3748197.03        0.19781
444147.97    3748197.03        0.18771
         443822.97    3748222.03        0.25873
443847.97    3748222.03        0.26872
         443872.97    3748222.03        0.26886
443897.97    3748222.03        0.26151
         443922.97    3748222.03        0.24884
443947.97    3748222.03        0.24128
         443972.97    3748222.03        0.22926
443997.97    3748222.03        0.22109
         444022.97    3748222.03        0.21891
444047.97    3748222.03        0.22070
         444072.97    3748222.03        0.22124
444097.97    3748222.03        0.21339
         444122.97    3748222.03        0.20586
444147.97    3748222.03        0.19318

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 362
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91WHOV ***
                                  INCLUDING SOURCE(S):
L0053243    , L0053244    , L0053245    , L0053246    , L0053247    ,
                L0053248    , L0053249    , L0053250    ,
L0053251    , L0053252    , L0053253    , L0053254    , L0053255    ,
                L0053256    , L0053257    , L0053258    ,
L0053259    , L0053260    , L0053261    , L0053262    , L0053263    ,
                L0053264    , L0053265    , L0053266    ,
L0053267    , L0053268    , L0053269    , L0053270    ,  . . .      ,

                                          *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                         ** CONC OF UNITEMIS IN
MICROGRAMS/M**3                           **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443797.97    3748247.03        0.26604
443822.97    3748247.03        0.29375
         443847.97    3748247.03        0.30736
443872.97    3748247.03        0.30473
         443897.97    3748247.03        0.29282
443922.97    3748247.03        0.27927
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         443947.97    3748247.03        0.27076
443972.97    3748247.03        0.25675
         443997.97    3748247.03        0.24732
444022.97    3748247.03        0.24256
         444047.97    3748247.03        0.24020
444072.97    3748247.03        0.23613
         444097.97    3748247.03        0.22342
444122.97    3748247.03        0.21174
         443772.97    3748272.03        0.30645
443797.97    3748272.03        0.32857
         443822.97    3748272.03        0.32769
443847.97    3748272.03        0.32669
         443872.97    3748272.03        0.32463
443897.97    3748272.03        0.31845
         443922.97    3748272.03        0.30582
443997.97    3748272.03        0.27205
         444022.97    3748272.03        0.26668
444047.97    3748272.03        0.26056
         444072.97    3748272.03        0.24701
444097.97    3748272.03        0.22935
         443747.97    3748297.03        0.33577
443772.97    3748297.03        0.34071
         443797.97    3748297.03        0.35386
443822.97    3748297.03        0.34797
         443847.97    3748297.03        0.34446
443872.97    3748297.03        0.34042
         444022.97    3748297.03        0.29175
444047.97    3748297.03        0.27774
         444072.97    3748297.03        0.25437
443322.97    3748322.03        0.39154
         443347.97    3748322.03        0.39592
443372.97    3748322.03        0.39624
         443697.97    3748322.03        0.37501
443722.97    3748322.03        0.37243
         443747.97    3748322.03        0.37474
443772.97    3748322.03        0.37086
         443797.97    3748322.03        0.37067
443822.97    3748322.03        0.36627
         443847.97    3748322.03        0.36113
443997.97    3748322.03        0.33602
         444022.97    3748322.03        0.31963
444047.97    3748322.03        0.29218
         444072.97    3748322.03        0.26209
443322.97    3748347.03        0.41230
         443347.97    3748347.03        0.41542
443372.97    3748347.03        0.41753
         443397.97    3748347.03        0.41444
443697.97    3748347.03        0.40713
         443722.97    3748347.03        0.40341
443747.97    3748347.03        0.39963
         443772.97    3748347.03        0.39497
443797.97    3748347.03        0.38894
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         443972.97    3748347.03        0.36919
443997.97    3748347.03        0.36277
         444022.97    3748347.03        0.34453
444047.97    3748347.03        0.30500
         443322.97    3748372.03        0.43674
443347.97    3748372.03        0.43961
         443372.97    3748372.03        0.44455
443397.97    3748372.03        0.44155
         443422.97    3748372.03        0.44017
443647.97    3748372.03        0.45053
         443672.97    3748372.03        0.45079
443697.97    3748372.03        0.44374
         443722.97    3748372.03        0.43256
443747.97    3748372.03        0.42085
         443772.97    3748372.03        0.41433
443972.97    3748372.03        0.39276
         443997.97    3748372.03        0.38373
444022.97    3748372.03        0.36454
         443322.97    3748397.03        0.46486
443347.97    3748397.03        0.47849
         443372.97    3748397.03        0.47967
443397.97    3748397.03        0.47233

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 363
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91WHOV ***
                                  INCLUDING SOURCE(S):
L0053243    , L0053244    , L0053245    , L0053246    , L0053247    ,
               L0053248    , L0053249    , L0053250    ,
L0053251    , L0053252    , L0053253    , L0053254    , L0053255    ,
               L0053256    , L0053257    , L0053258    ,
L0053259    , L0053260    , L0053261    , L0053262    , L0053263    ,
               L0053264    , L0053265    , L0053266    ,
L0053267    , L0053268    , L0053269    , L0053270    ,  . . .      ,

                                       *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                      ** CONC OF UNITEMIS IN
MICROGRAMS/M**3                        **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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         443422.97    3748397.03        0.47465
443447.97    3748397.03        0.48157
         443597.97    3748397.03        0.46015
443622.97    3748397.03        0.44688
         443647.97    3748397.03        0.49840
443672.97    3748397.03        0.50023
         443697.97    3748397.03        0.47907
443722.97    3748397.03        0.45343
         443747.97    3748397.03        0.44217
443947.97    3748397.03        0.42354
         443972.97    3748397.03        0.42056
443997.97    3748397.03        0.40793
         444022.97    3748397.03        0.38803
443322.97    3748422.03        0.49238
         443347.97    3748422.03        0.53403
443372.97    3748422.03        0.50803
         443397.97    3748422.03        0.49891
443422.97    3748422.03        0.51245
         443447.97    3748422.03        0.52865
443472.97    3748422.03        0.53063
         443547.97    3748422.03        0.51500
443572.97    3748422.03        0.51171
         443597.97    3748422.03        0.51513
443622.97    3748422.03        0.52757
         443647.97    3748422.03        0.53349
443672.97    3748422.03        0.51701
         443697.97    3748422.03        0.49406
443722.97    3748422.03        0.48115
         443947.97    3748422.03        0.44999
443972.97    3748422.03        0.44640
         443997.97    3748422.03        0.42087
443322.97    3748447.03        0.55315
         443347.97    3748447.03        0.56806
443372.97    3748447.03        0.54787
         443422.97    3748447.03        0.55698
443447.97    3748447.03        0.57761
         443472.97    3748447.03        0.58248
443497.97    3748447.03        0.57750
         443522.97    3748447.03        0.57714
443547.97    3748447.03        0.57865
         443572.97    3748447.03        0.57341
443597.97    3748447.03        0.56605
         443622.97    3748447.03        0.56867
443647.97    3748447.03        0.56774
         443672.97    3748447.03        0.53076
443697.97    3748447.03        0.50329
         443922.97    3748447.03        0.48440
443947.97    3748447.03        0.47981
         443972.97    3748447.03        0.46263
443297.97    3748472.03        0.59432
         443322.97    3748472.03        0.59778
443347.97    3748472.03        0.56778
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         443422.97    3748472.03        0.60368
443447.97    3748472.03        0.61923
         443472.97    3748472.03        0.62273
443497.97    3748472.03        0.62309
         443522.97    3748472.03        0.62296
443547.97    3748472.03        0.61876
         443572.97    3748472.03        0.60224
443597.97    3748472.03        0.57923
         443622.97    3748472.03        0.58389
443647.97    3748472.03        0.57599
         443672.97    3748472.03        0.54794
443897.97    3748472.03        0.52213
         443922.97    3748472.03        0.51549
443947.97    3748472.03        0.50434
         443972.97    3748472.03        0.46928
443297.97    3748497.03        0.62694
         443322.97    3748497.03        0.62770
443347.97    3748497.03        0.59566
         443397.97    3748497.03        0.62042
443422.97    3748497.03        0.64414
         443447.97    3748497.03        0.65647
443472.97    3748497.03        0.65961
         443497.97    3748497.03        0.66051
443522.97    3748497.03        0.65989
         443547.97    3748497.03        0.64613
443572.97    3748497.03        0.62403
         443597.97    3748497.03        0.60978
443622.97    3748497.03        0.61291

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 364
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91WHOV ***
                                  INCLUDING SOURCE(S):
L0053243    , L0053244    , L0053245    , L0053246    , L0053247    ,
                L0053248    , L0053249    , L0053250    ,
L0053251    , L0053252    , L0053253    , L0053254    , L0053255    ,
                L0053256    , L0053257    , L0053258    ,
L0053259    , L0053260    , L0053261    , L0053262    , L0053263    ,
                L0053264    , L0053265    , L0053266    ,
L0053267    , L0053268    , L0053269    , L0053270    ,  . . .      ,

                                                 *** DISCRETE CARTESIAN
RECEPTOR POINTS ***
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** CONC OF UNITEMIS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
443647.97	3748497.03	0.60543	443897.97	3748497.03	0.55936
443922.97	3748497.03	0.55113	443947.97	3748497.03	0.53065
443272.97	3748522.03	0.65894	443297.97	3748522.03	0.66296
443322.97	3748522.03	0.65391	443397.97	3748522.03	0.66952
443422.97	3748522.03	0.69131	443447.97	3748522.03	0.69732
443472.97	3748522.03	0.69884	443497.97	3748522.03	0.69989
443522.97	3748522.03	0.69303	443547.97	3748522.03	0.64548
443572.97	3748522.03	0.61683	443597.97	3748522.03	0.63074
443622.97	3748522.03	0.63470	443647.97	3748522.03	0.62622
443872.97	3748522.03	0.60641	443897.97	3748522.03	0.59908
443922.97	3748522.03	0.58684	443272.97	3748547.03	0.70794
443297.97	3748547.03	0.70172	443322.97	3748547.03	0.67035
443422.97	3748547.03	0.73717	443447.97	3748547.03	0.73925
443472.97	3748547.03	0.73918	443497.97	3748547.03	0.73797
443522.97	3748547.03	0.67498	443547.97	3748547.03	0.66005
443572.97	3748547.03	0.65220	443597.97	3748547.03	0.64617
443622.97	3748547.03	0.66934	443647.97	3748547.03	0.66127
443672.97	3748547.03	0.65254	443847.97	3748547.03	0.65885
443872.97	3748547.03	0.65271	443897.97	3748547.03	0.64114
443922.97	3748547.03	0.61485	443247.97	3748572.03	0.72230
443272.97	3748572.03	0.74529	443297.97	3748572.03	0.74535
443322.97	3748572.03	0.72267	443422.97	3748572.03	0.78309

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         443447.97    3748572.03        0.78709
443472.97    3748572.03        0.78749
         443497.97    3748572.03        0.75602
443522.97    3748572.03        0.71565
         443547.97    3748572.03        0.69734
443572.97    3748572.03        0.69223
         443597.97    3748572.03        0.69336
443622.97    3748572.03        0.69863
         443647.97    3748572.03        0.69889
443672.97    3748572.03        0.70728
         443697.97    3748572.03        0.70998
443822.97    3748572.03        0.72502
         443847.97    3748572.03        0.71548
443872.97    3748572.03        0.70201
         443897.97    3748572.03        0.68192
443247.97    3748597.03        0.77254
         443272.97    3748597.03        0.78843
443297.97    3748597.03        0.79309
         443397.97    3748597.03        0.82632
443422.97    3748597.03        0.83337
         443447.97    3748597.03        0.83462
443472.97    3748597.03        0.82326
         443497.97    3748597.03        0.79056
443572.97    3748597.03        0.75721
         443597.97    3748597.03        0.76148
443622.97    3748597.03        0.76528
         443647.97    3748597.03        0.76849
443672.97    3748597.03        0.77433
         443697.97    3748597.03        0.78890
443722.97    3748597.03        0.80547
         443797.97    3748597.03        0.80426
443822.97    3748597.03        0.79027
         443847.97    3748597.03        0.77134
443872.97    3748597.03        0.75320
         443222.97    3748622.03        0.82097
443247.97    3748622.03        0.83128

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 365
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91WHOV ***
                                  INCLUDING SOURCE(S):
L0053243    , L0053244    , L0053245    , L0053246    , L0053247    ,
                L0053248    , L0053249    , L0053250    ,
L0053251    , L0053252    , L0053253    , L0053254    , L0053255    ,
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                L0053256    , L0053257    , L0053258    ,
L0053259    , L0053260    , L0053261    , L0053262    , L0053263    ,
                L0053264    , L0053265    , L0053266    ,
L0053267    , L0053268    , L0053269    , L0053270    ,  . . .      ,

                                          *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                         ** CONC OF UNITEMIS IN
MICROGRAMS/M**3                           **

       X-COORD (M)   Y-COORD (M)        CONC                       X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443272.97    3748622.03        0.83844
443297.97    3748622.03        0.84246
         443397.97    3748622.03        0.88158
443422.97    3748622.03        0.88866
         443447.97    3748622.03        0.88739
443472.97    3748622.03        0.86059
         443597.97    3748622.03        0.84894
443622.97    3748622.03        0.85455
         443647.97    3748622.03        0.85933
443672.97    3748622.03        0.86836
         443697.97    3748622.03        0.88676
443722.97    3748622.03        0.89881
         443747.97    3748622.03        0.90116
443772.97    3748622.03        0.89793
         443797.97    3748622.03        0.88995
443822.97    3748622.03        0.85903
         443847.97    3748622.03        0.83509
443222.97    3748647.03        0.88551
         443247.97    3748647.03        0.88974
443272.97    3748647.03        0.89314
         443372.97    3748647.03        0.93260
443397.97    3748647.03        0.94127
         443422.97    3748647.03        0.94505
443447.97    3748647.03        0.93910
         443622.97    3748647.03        0.95346
443647.97    3748647.03        0.96339
         443672.97    3748647.03        0.97215
443697.97    3748647.03        0.98203
         443722.97    3748647.03        0.98542
443747.97    3748647.03        0.98449
         443772.97    3748647.03        0.98062
443797.97    3748647.03        0.97179
         443822.97    3748647.03        0.93507
443197.97    3748672.03        0.94955
         443222.97    3748672.03        0.95271
443247.97    3748672.03        0.94884
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         443272.97    3748672.03        0.95271
443347.97    3748672.03        0.99165
         443372.97    3748672.03        0.99731
443397.97    3748672.03        1.00378
         443422.97    3748672.03        0.99624
443572.97    3748672.03        1.03743
         443597.97    3748672.03        1.04438
443622.97    3748672.03        1.05163
         443647.97    3748672.03        1.06230
443672.97    3748672.03        1.06774
         443697.97    3748672.03        1.07160
443722.97    3748672.03        1.07359
         443747.97    3748672.03        1.07269
443772.97    3748672.03        1.06640
         443797.97    3748672.03        1.04561
443197.97    3748697.03        1.00810
         443222.97    3748697.03        1.00685
443247.97    3748697.03        1.01143
         443347.97    3748697.03        1.06514
443372.97    3748697.03        1.06657
         443397.97    3748697.03        1.05662
443522.97    3748697.03        1.12971
         443547.97    3748697.03        1.14158
443572.97    3748697.03        1.14849
         443597.97    3748697.03        1.15074
443622.97    3748697.03        1.15455
         443647.97    3748697.03        1.15775
443672.97    3748697.03        1.16496
         443697.97    3748697.03        1.17092
443722.97    3748697.03        1.17290
         443747.97    3748697.03        1.17029
443772.97    3748697.03        1.16044
         443172.97    3748722.03        1.06840
443197.97    3748722.03        1.07991
         443222.97    3748722.03        1.06831
443247.97    3748722.03        1.06841
         443322.97    3748722.03        1.13676
443347.97    3748722.03        1.14154
         443372.97    3748722.03        1.14669
443472.97    3748722.03        1.20546
         443497.97    3748722.03        1.21535
443522.97    3748722.03        1.23053
         443547.97    3748722.03        1.24203
443572.97    3748722.03        1.25214

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 366
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: SR91WHOV ***
INCLUDING SOURCE(S):
L0053243 , L0053244 , L0053245 , L0053246 , L0053247 , L0053248 , L0053249 , L0053250 ,
L0053251 , L0053252 , L0053253 , L0053254 , L0053255 , L0053256 , L0053257 , L0053258 ,
L0053259 , L0053260 , L0053261 , L0053262 , L0053263 , L0053264 , L0053265 , L0053266 ,
L0053267 , L0053268 , L0053269 , L0053270 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF UNITEMIS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
443597.97	3748722.03	1.25771	443622.97	3748722.03	1.26075
443647.97	3748722.03	1.26659	443672.97	3748722.03	1.27661
443697.97	3748722.03	1.28523	443722.97	3748722.03	1.28415
443747.97	3748722.03	1.26231	443172.97	3748747.03	1.14304
443197.97	3748747.03	1.15194	443222.97	3748747.03	1.12478
443297.97	3748747.03	1.20961	443322.97	3748747.03	1.22295
443347.97	3748747.03	1.23309	443447.97	3748747.03	1.29437
443472.97	3748747.03	1.30966	443497.97	3748747.03	1.32429
443522.97	3748747.03	1.33830	443547.97	3748747.03	1.35234
443572.97	3748747.03	1.36368	443597.97	3748747.03	1.36997
443622.97	3748747.03	1.37837	443647.97	3748747.03	1.38668
443672.97	3748747.03	1.40101	443697.97	3748747.03	1.40961
443722.97	3748747.03	1.40638	443147.97	3748772.03	1.21666
443172.97	3748772.03	1.22619	443197.97	3748772.03	1.21584
443222.97	3748772.03	1.21478	443297.97	3748772.03	1.30551

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         443322.97    3748772.03        1.32062
443397.97    3748772.03        1.37253
         443422.97    3748772.03        1.39048
443447.97    3748772.03        1.40907
         443472.97    3748772.03        1.42648
443497.97    3748772.03        1.44374
         443522.97    3748772.03        1.45644
443547.97    3748772.03        1.47026
         443572.97    3748772.03        1.48278
443597.97    3748772.03        1.49381
         443622.97    3748772.03        1.50607
443647.97    3748772.03        1.52281
         443122.97    3748797.03        1.29513
443147.97    3748797.03        1.30984
         443172.97    3748797.03        1.32042
443197.97    3748797.03        1.30847
         443222.97    3748797.03        1.34517
443247.97    3748797.03        1.37879
         443272.97    3748797.03        1.39775
443297.97    3748797.03        1.41533
         443372.97    3748797.03        1.47693
443397.97    3748797.03        1.49865
         443422.97    3748797.03        1.51951
443447.97    3748797.03        1.53855
         443472.97    3748797.03        1.55739
443497.97    3748797.03        1.56966
         443522.97    3748797.03        1.58022
443547.97    3748797.03        1.59978
         443572.97    3748797.03        1.62198
443097.97    3748822.03        1.38162
         443122.97    3748822.03        1.40033
443147.97    3748822.03        1.41511
         443172.97    3748822.03        1.43158
443197.97    3748822.03        1.45491
         443222.97    3748822.03        1.48124
443247.97    3748822.03        1.50226
         443272.97    3748822.03        1.52335
443297.97    3748822.03        1.54453
         443322.97    3748822.03        1.56648
443347.97    3748822.03        1.58935
         443372.97    3748822.03        1.62010
443397.97    3748822.03        1.64605
         443422.97    3748822.03        1.66628
443447.97    3748822.03        1.68561
         443472.97    3748822.03        1.69929
443072.97    3748847.03        1.48103
         443097.97    3748847.03        1.50865
443122.97    3748847.03        1.52379
         443147.97    3748847.03        1.54398
443272.97    3748847.03        1.67282
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES
AVERAGED OVER 5 YEARS FOR SOURCE GROUP: SR91WHOV ***
INCLUDING SOURCE(S):
L0053243 , L0053244 , L0053245 , L0053246 , L0053247 ,
L0053248 , L0053249 , L0053250 ,
L0053251 , L0053252 , L0053253 , L0053254 , L0053255 ,
L0053256 , L0053257 , L0053258 ,
L0053259 , L0053260 , L0053261 , L0053262 , L0053263 ,
L0053264 , L0053265 , L0053266 ,
L0053267 , L0053268 , L0053269 , L0053270 , . . . ,

*** DISCRETE CARTESIAN
RECEPTOR POINTS ***

** CONC OF UNITEMIS IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
443297.97	3748847.03	1.70121			
443322.97	3748847.03	1.73092			
443347.97	3748847.03	1.76048			
443372.97	3748847.03	1.78890			
443397.97	3748847.03	1.81267			
443072.97	3748872.03	1.62922			
443097.97	3748872.03	1.65441			
443122.97	3748872.03	1.67841			
443272.97	3748872.03	1.85001			
443297.97	3748872.03	1.88837			
443322.97	3748872.03	1.92537			
443347.97	3748872.03	1.95733			
443047.97	3748897.03	1.76680			
443072.97	3748897.03	1.79673			
443097.97	3748897.03	1.82789			
443122.97	3748897.03	1.86075			
443297.97	3748897.03	2.12253			
443322.97	3748897.03	2.16420			
443028.81	3748928.79	1.99355			
443047.97	3748922.03	1.95807			
443072.97	3748922.03	1.99891			
443097.97	3748922.03	2.03781			

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         443122.97    3748922.03        2.07513
443147.97    3748922.03        2.10998
         443172.97    3748922.03        2.14350
443003.50    3748951.03        2.16625
         443022.97    3748947.03        2.15649
443047.97    3748947.03        2.19185
         443072.97    3748947.03        2.24897
443097.97    3748947.03        2.29501
         443122.97    3748947.03        2.33972
443147.97    3748947.03        2.38916
         443172.97    3748947.03        2.44737
442977.27    3748975.72        2.40098
         442997.97    3748972.03        2.38871
443022.97    3748972.03        2.43759
         443047.97    3748972.03        2.50133
443072.97    3748972.03        2.56795
         443097.97    3748972.03        2.62975
443122.97    3748972.03        2.70048
         443147.97    3748972.03        2.78522
443172.97    3748972.03        2.87825
         442947.97    3748997.03        2.63956
442972.97    3748997.03        2.69123
         442997.97    3748997.03        2.75122
443022.97    3748997.03        2.81500
         443047.97    3748997.03        2.90036
443072.97    3748997.03        2.99053
         443097.97    3748997.03        3.10356
443122.97    3748997.03        3.23252
         443147.97    3748997.03        3.35476
442922.97    3749022.03        3.03447
         442947.97    3749022.03        3.10791
442972.97    3749022.03        3.19987
         442997.97    3749022.03        3.30011
443022.97    3749022.03        3.39352
         443047.97    3749022.03        3.51761
443072.97    3749022.03        3.64891
         443102.27    3749028.48        4.12248
443118.05    3749011.89        3.62923
         442918.36    3749057.17        4.00646
442947.05    3749054.10        4.04725
         442972.97    3749047.03        3.93849
442997.97    3749047.03        4.09447
         443018.97    3749057.17        4.68395
443043.67    3749053.18        4.74414
         443072.97    3749047.03        4.70868
442904.73    3749080.33        5.02041
         442925.74    3749077.56        5.06927
442947.97    3749072.03        4.92826
         442972.66    3749064.96        4.74180
443321.39    3748281.81        0.35963
         443345.73    3748282.87        0.36711
443372.19    3748295.57        0.37685
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         443398.64    3748320.97        0.38972
443920.42    3747346.84        0.03969
         443920.89    3747371.73        0.04116
443923.71    3747395.21        0.04286
         443922.30    3747421.03        0.04491
443923.24    3747444.04        0.04754

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 368
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91WHOV ***
                                INCLUDING SOURCE(S):
L0053243    , L0053244    , L0053245    , L0053246    , L0053247    ,
                L0053248    , L0053249    , L0053250    ,
L0053251    , L0053252    , L0053253    , L0053254    , L0053255    ,
                L0053256    , L0053257    , L0053258    ,
L0053259    , L0053260    , L0053261    , L0053262    , L0053263    ,
                L0053264    , L0053265    , L0053266    ,
L0053267    , L0053268    , L0053269    , L0053270    ,  . . .      ,

                                             *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                           ** CONC OF UNITEMIS IN
MICROGRAMS/M**3                             **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         442945.03    3749041.56        3.60677

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 369
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91WRAM ***
                                INCLUDING SOURCE(S):
L0053845    , L0053846    , L0053847    , L0053848    , L0053849    ,
                L0053850    , L0053851    , L0053852    ,
L0053853    , L0053854    , L0053855    , L0053856    , L0053857    ,
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                L0053858    , L0053859    , L0053860    ,
L0053861    , L0053862    , L0053863    , L0053864    , L0053865    ,
                L0053866    , L0053867    , L0053868    ,
L0053869    , L0053870    , L0053871    , L0053872    ,  . . .      ,

                                          *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                         ** CONC OF UNITEMIS IN
MICROGRAMS/M**3                           **

       X-COORD (M)   Y-COORD (M)        CONC                       X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443922.97    3747147.03        0.02586
443922.97    3747172.03        0.02604
         443897.97    3747197.03        0.02641
443922.97    3747197.03        0.02637
         443897.97    3747222.03        0.02687
443922.97    3747222.03        0.02683
         443947.97    3747222.03        0.02682
443922.97    3747247.03        0.02745
         443947.97    3747247.03        0.02763
443922.97    3747272.03        0.02813
         443947.97    3747272.03        0.02843
443972.97    3747272.03        0.02897
         443922.97    3747297.03        0.02888
443947.97    3747297.03        0.02913
         443972.97    3747297.03        0.02965
443922.97    3747322.03        0.02975
         443947.97    3747322.03        0.02982
443972.97    3747322.03        0.03020
         443947.97    3747347.03        0.03068
443972.97    3747347.03        0.03080
         443997.97    3747347.03        0.03109
443947.97    3747372.03        0.03141
         443972.97    3747372.03        0.03154
443997.97    3747372.03        0.03173
         443947.97    3747397.03        0.03219
443972.97    3747397.03        0.03219
         443997.97    3747397.03        0.03244
443947.97    3747422.03        0.03327
         443972.97    3747422.03        0.03310
443997.97    3747422.03        0.03320
         444022.97    3747422.03        0.03479
443947.97    3747447.03        0.03474
         443972.97    3747447.03        0.03434
443997.97    3747447.03        0.03443
         444022.97    3747447.03        0.03586
443922.97    3747472.03        0.03806
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         443947.97    3747472.03        0.03656
443972.97    3747472.03        0.03590
         443997.97    3747472.03        0.03624
444022.97    3747472.03        0.03736
         443922.97    3747497.03        0.03927
443947.97    3747497.03        0.03851
         443972.97    3747497.03        0.03779
443997.97    3747497.03        0.03760
         444022.97    3747497.03        0.03810
443922.97    3747522.03        0.04007
         443947.97    3747522.03        0.03960
443972.97    3747522.03        0.03886
         443997.97    3747522.03        0.03866
444022.97    3747522.03        0.03888
         444047.97    3747522.03        0.03937
443922.97    3747547.03        0.04089
         443947.97    3747547.03        0.04074
443972.97    3747547.03        0.03999
         443997.97    3747547.03        0.03977
444022.97    3747547.03        0.03994
         444047.97    3747547.03        0.04031
443922.97    3747572.03        0.04172
         443947.97    3747572.03        0.04168
443972.97    3747572.03        0.04091
         443997.97    3747572.03        0.04083
444022.97    3747572.03        0.04109
         444047.97    3747572.03        0.04144
444072.97    3747572.03        0.04174
         443922.97    3747597.03        0.04272
443947.97    3747597.03        0.04253
         443972.97    3747597.03        0.04187
443997.97    3747597.03        0.04194
         444022.97    3747597.03        0.04229
444047.97    3747597.03        0.04265
         444072.97    3747597.03        0.04296
443922.97    3747622.03        0.04397
         443947.97    3747622.03        0.04350
443972.97    3747622.03        0.04304
         443997.97    3747622.03        0.04312
444022.97    3747622.03        0.04349
         444047.97    3747622.03        0.04391
444072.97    3747622.03        0.04422
         443922.97    3747647.03        0.04532
443947.97    3747647.03        0.04483

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 370
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: SR91WRAM ***
INCLUDING SOURCE(S):

L0053845 , L0053846 , L0053847 , L0053848 , L0053849 ,
L0053850 , L0053851 , L0053852 ,
L0053853 , L0053854 , L0053855 , L0053856 , L0053857 ,
L0053858 , L0053859 , L0053860 ,
L0053861 , L0053862 , L0053863 , L0053864 , L0053865 ,
L0053866 , L0053867 , L0053868 ,
L0053869 , L0053870 , L0053871 , L0053872 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF UNITEMIS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
443972.97	3747647.03	0.04436	443997.97	3747647.03	0.04419
444022.97	3747647.03	0.04458	444047.97	3747647.03	0.04524
444072.97	3747647.03	0.04555	443922.97	3747672.03	0.04679
443947.97	3747672.03	0.04665	443972.97	3747672.03	0.04690
443997.97	3747672.03	0.04691	444022.97	3747672.03	0.04713
444047.97	3747672.03	0.04758	444072.97	3747672.03	0.04786
443922.97	3747697.03	0.04964	443947.97	3747697.03	0.04993
443972.97	3747697.03	0.05039	443997.97	3747697.03	0.05103
444022.97	3747697.03	0.05095	444047.97	3747697.03	0.05034
443922.97	3747722.03	0.05238	443947.97	3747722.03	0.05355
443972.97	3747722.03	0.05378	443997.97	3747722.03	0.05393
444022.97	3747722.03	0.05358	444047.97	3747722.03	0.05271
443922.97	3747747.03	0.05449	443947.97	3747747.03	0.05587
443972.97	3747747.03	0.05628	443997.97	3747747.03	0.05573
444022.97	3747747.03	0.05513	443897.97	3747772.03	0.05670

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         443922.97    3747772.03        0.05617
443947.97    3747772.03        0.05670
         443972.97    3747772.03        0.05776
443997.97    3747772.03        0.05739
         443897.97    3747797.03        0.05812
443922.97    3747797.03        0.05805
         443947.97    3747797.03        0.05861
443972.97    3747797.03        0.05915
         443997.97    3747797.03        0.05857
443872.97    3747822.03        0.06079
         443897.97    3747822.03        0.06009
443922.97    3747822.03        0.06009
         443947.97    3747822.03        0.06131
443972.97    3747822.03        0.06191
         443997.97    3747822.03        0.06034
443872.97    3747847.03        0.06223
         443897.97    3747847.03        0.06187
443922.97    3747847.03        0.06290
         443947.97    3747847.03        0.06488
443972.97    3747847.03        0.06843
         443997.97    3747847.03        0.06372
443847.97    3747872.03        0.06420
         443872.97    3747872.03        0.06386
443897.97    3747872.03        0.06351
         443922.97    3747872.03        0.06567
443947.97    3747872.03        0.06999
         443972.97    3747872.03        0.07347
443997.97    3747872.03        0.06657
         443847.97    3747897.03        0.06803
443872.97    3747897.03        0.06791
         443897.97    3747897.03        0.06549
443922.97    3747897.03        0.06695
         443947.97    3747897.03        0.07538
443972.97    3747897.03        0.07578
         443847.97    3747922.03        0.07360
443872.97    3747922.03        0.07475
         443897.97    3747922.03        0.06931
443922.97    3747922.03        0.06870
         443947.97    3747922.03        0.07943
443972.97    3747922.03        0.07678
         443872.97    3747947.03        0.07933
443897.97    3747947.03        0.07795
         443922.97    3747947.03        0.07898
443947.97    3747947.03        0.08181
         443872.97    3747972.03        0.08225
443897.97    3747972.03        0.08237
         443922.97    3747972.03        0.08376
443947.97    3747972.03        0.08287
         443872.97    3747997.03        0.08534
443897.97    3747997.03        0.08628
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES
AVERAGED OVER 5 YEARS FOR SOURCE GROUP: SR91WRAM ***
INCLUDING SOURCE(S):
L0053845 , L0053846 , L0053847 , L0053848 , L0053849 ,
L0053850 , L0053851 , L0053852 ,
L0053853 , L0053854 , L0053855 , L0053856 , L0053857 ,
L0053858 , L0053859 , L0053860 ,
L0053861 , L0053862 , L0053863 , L0053864 , L0053865 ,
L0053866 , L0053867 , L0053868 ,
L0053869 , L0053870 , L0053871 , L0053872 , . . . ,

*** DISCRETE CARTESIAN
RECEPTOR POINTS ***

** CONC OF UNITEMIS IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
443922.97	3747997.03	0.08635	443947.97	3747997.03	0.08480
443897.97	3748022.03	0.08914	443922.97	3748022.03	0.08857
443947.97	3748022.03	0.08701	443972.97	3748022.03	0.08390
443897.97	3748047.03	0.09150	443922.97	3748047.03	0.09088
443947.97	3748047.03	0.08886	443972.97	3748047.03	0.08661
443997.97	3748047.03	0.08451	443897.97	3748072.03	0.09401
443922.97	3748072.03	0.09330	443947.97	3748072.03	0.09043
443972.97	3748072.03	0.08890	443997.97	3748072.03	0.08769
444022.97	3748072.03	0.08714	443897.97	3748097.03	0.09668
443922.97	3748097.03	0.09596	443947.97	3748097.03	0.09312
443972.97	3748097.03	0.09163	443997.97	3748097.03	0.09115

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         444022.97    3748097.03        0.09104
444047.97    3748097.03        0.09098
         443897.97    3748122.03        0.09916
443922.97    3748122.03        0.09780
         443947.97    3748122.03        0.09721
443972.97    3748122.03        0.09683
         443997.97    3748122.03        0.09582
444022.97    3748122.03        0.09464
         444047.97    3748122.03        0.09427
444072.97    3748122.03        0.09557
         443872.97    3748147.03        0.10477
443897.97    3748147.03        0.10428
         443922.97    3748147.03        0.10187
443947.97    3748147.03        0.10168
         443972.97    3748147.03        0.10152
443997.97    3748147.03        0.09970
         444022.97    3748147.03        0.09839
444047.97    3748147.03        0.09859
         444072.97    3748147.03        0.09996
444097.97    3748147.03        0.10166
         443872.97    3748172.03        0.11042
443897.97    3748172.03        0.11061
         443922.97    3748172.03        0.10755
443947.97    3748172.03        0.10657
         443972.97    3748172.03        0.10494
443997.97    3748172.03        0.10349
         444022.97    3748172.03        0.10287
444047.97    3748172.03        0.10333
         444072.97    3748172.03        0.10471
444097.97    3748172.03        0.10603
         444122.97    3748172.03        0.10543
443847.97    3748197.03        0.11612
         443872.97    3748197.03        0.11769
443897.97    3748197.03        0.11762
         443922.97    3748197.03        0.11428
443947.97    3748197.03        0.11248
         443972.97    3748197.03        0.10940
443997.97    3748197.03        0.10817
         444022.97    3748197.03        0.10819
444047.97    3748197.03        0.10902
         444072.97    3748197.03        0.11026
444097.97    3748197.03        0.11060
         444122.97    3748197.03        0.10930
444147.97    3748197.03        0.10661
         443822.97    3748222.03        0.12394
443847.97    3748222.03        0.12757
         443872.97    3748222.03        0.12769
443897.97    3748222.03        0.12558
         443922.97    3748222.03        0.12202
443947.97    3748222.03        0.12009
         443972.97    3748222.03        0.11681
443997.97    3748222.03        0.11475
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         444022.97    3748222.03        0.11466
444047.97    3748222.03        0.11579
         444072.97    3748222.03        0.11648
444097.97    3748222.03        0.11467
         444122.97    3748222.03        0.11291
444147.97    3748222.03        0.10942

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 372
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91WRAM ***
                                INCLUDING SOURCE(S):
L0053845    , L0053846    , L0053847    , L0053848    , L0053849    ,
               L0053850    , L0053851    , L0053852    ,
L0053853    , L0053854    , L0053855    , L0053856    , L0053857    ,
               L0053858    , L0053859    , L0053860    ,
L0053861    , L0053862    , L0053863    , L0053864    , L0053865    ,
               L0053866    , L0053867    , L0053868    ,
L0053869    , L0053870    , L0053871    , L0053872    ,  . . .      ,

                                          *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                         ** CONC OF UNITEMIS IN
MICROGRAMS/M**3                           **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443797.97    3748247.03        0.12549
443822.97    3748247.03        0.13561
         443847.97    3748247.03        0.14092
443872.97    3748247.03        0.13989
         443897.97    3748247.03        0.13553
443922.97    3748247.03        0.13166
         443947.97    3748247.03        0.12948
443972.97    3748247.03        0.12595
         443997.97    3748247.03        0.12371
444022.97    3748247.03        0.12283
         444047.97    3748247.03        0.12264
444072.97    3748247.03        0.12197
         444097.97    3748247.03        0.11883
444122.97    3748247.03        0.11584
         443772.97    3748272.03        0.13961
443797.97    3748272.03        0.14826
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         443822.97    3748272.03        0.14794
443847.97    3748272.03        0.14758
         443872.97    3748272.03        0.14681
443897.97    3748272.03        0.14439
         443922.97    3748272.03        0.14001
443997.97    3748272.03        0.13167
         444022.97    3748272.03        0.13064
444047.97    3748272.03        0.12944
         444072.97    3748272.03        0.12628
444097.97    3748272.03        0.12174
         443747.97    3748297.03        0.14966
443772.97    3748297.03        0.15146
         443797.97    3748297.03        0.15739
443822.97    3748297.03        0.15472
         443847.97    3748297.03        0.15332
443872.97    3748297.03        0.15177
         444022.97    3748297.03        0.13830
444047.97    3748297.03        0.13525
         444072.97    3748297.03        0.12959
443322.97    3748322.03        0.18910
         443347.97    3748322.03        0.19110
443372.97    3748322.03        0.18946
         443697.97    3748322.03        0.16423
443722.97    3748322.03        0.16290
         443747.97    3748322.03        0.16392
443772.97    3748322.03        0.16208
         443797.97    3748322.03        0.16213
443822.97    3748322.03        0.16025
         443847.97    3748322.03        0.15826
443997.97    3748322.03        0.15059
         444022.97    3748322.03        0.14634
444047.97    3748322.03        0.14033
         444072.97    3748322.03        0.13293
443322.97    3748347.03        0.19796
         443347.97    3748347.03        0.19853
443372.97    3748347.03        0.19801
         443397.97    3748347.03        0.19348
443697.97    3748347.03        0.17570
         443722.97    3748347.03        0.17353
443747.97    3748347.03        0.17189
         443772.97    3748347.03        0.16976
443797.97    3748347.03        0.16720
         443972.97    3748347.03        0.16117
443997.97    3748347.03        0.15911
         444022.97    3748347.03        0.15361
444047.97    3748347.03        0.14497
         443322.97    3748372.03        0.20993
443347.97    3748372.03        0.20943
         443372.97    3748372.03        0.21054
443397.97    3748372.03        0.20543
         443422.97    3748372.03        0.20192
443647.97    3748372.03        0.19491
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         443672.97    3748372.03        0.19464
443697.97    3748372.03        0.18993
         443722.97    3748372.03        0.18336
443747.97    3748372.03        0.17770
         443772.97    3748372.03        0.17485
443972.97    3748372.03        0.16847
         443997.97    3748372.03        0.16545
444022.97    3748372.03        0.15976
         443322.97    3748397.03        0.22415
443347.97    3748397.03        0.23204
         443372.97    3748397.03        0.22906
443397.97    3748397.03        0.21959

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 373
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91WRAM ***
                                INCLUDING SOURCE(S):
L0053845    , L0053846    , L0053847    , L0053848    , L0053849    ,
               L0053850    , L0053851    , L0053852    ,
L0053853    , L0053854    , L0053855    , L0053856    , L0053857    ,
               L0053858    , L0053859    , L0053860    ,
L0053861    , L0053862    , L0053863    , L0053864    , L0053865    ,
               L0053866    , L0053867    , L0053868    ,
L0053869    , L0053870    , L0053871    , L0053872    ,  . . .      ,

                                          *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                         ** CONC OF UNITEMIS IN
MICROGRAMS/M**3                           **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443422.97    3748397.03        0.21818
443447.97    3748397.03        0.22029
         443597.97    3748397.03        0.19476
443622.97    3748397.03        0.18712
         443647.97    3748397.03        0.21980
443672.97    3748397.03        0.22287
         443697.97    3748397.03        0.20266
443722.97    3748397.03        0.18802
         443747.97    3748397.03        0.18314
443947.97    3748397.03        0.17762
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         443972.97    3748397.03        0.17668
443997.97    3748397.03        0.17256
         444022.97    3748397.03        0.16667
443322.97    3748422.03        0.23718
         443347.97    3748422.03        0.27491
443372.97    3748422.03        0.24131
         443397.97    3748422.03        0.22987
443422.97    3748422.03        0.23624
         443447.97    3748422.03        0.24696
443472.97    3748422.03        0.24503
         443547.97    3748422.03        0.22279
443572.97    3748422.03        0.21871
         443597.97    3748422.03        0.21890
443622.97    3748422.03        0.22797
         443647.97    3748422.03        0.23498
443672.97    3748422.03        0.21726
         443697.97    3748422.03        0.20267
443722.97    3748422.03        0.19564
         443947.97    3748422.03        0.18492
443972.97    3748422.03        0.18380
         443997.97    3748422.03        0.17575
443322.97    3748447.03        0.28317
         443347.97    3748447.03        0.29609
443372.97    3748447.03        0.26327
         443422.97    3748447.03        0.26116
443447.97    3748447.03        0.28284
         443472.97    3748447.03        0.28718
443497.97    3748447.03        0.27262
         443522.97    3748447.03        0.26834
443547.97    3748447.03        0.26769
         443572.97    3748447.03        0.25673
443597.97    3748447.03        0.24555
         443622.97    3748447.03        0.24770
443647.97    3748447.03        0.24604
         443672.97    3748447.03        0.21481
443697.97    3748447.03        0.20094
         443922.97    3748447.03        0.19387
443947.97    3748447.03        0.19262
         443972.97    3748447.03        0.18715
443297.97    3748472.03        0.32285
         443322.97    3748472.03        0.31797
443347.97    3748472.03        0.27238
         443422.97    3748472.03        0.29153
443447.97    3748472.03        0.31367
         443472.97    3748472.03        0.31548
443497.97    3748472.03        0.31047
         443522.97    3748472.03        0.30552
443547.97    3748472.03        0.29048
         443572.97    3748472.03        0.25948
443597.97    3748472.03        0.23729
         443622.97    3748472.03        0.23784
443647.97    3748472.03        0.23157
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         443672.97    3748472.03        0.21571
443897.97    3748472.03        0.20352
         443922.97    3748472.03        0.20183
443947.97    3748472.03        0.19820
         443972.97    3748472.03        0.18836
443297.97    3748497.03        0.34006
         443322.97    3748497.03        0.32963
443347.97    3748497.03        0.28255
         443397.97    3748497.03        0.29102
443422.97    3748497.03        0.31359
         443447.97    3748497.03        0.33070
443472.97    3748497.03        0.32981
         443497.97    3748497.03        0.32441
443522.97    3748497.03        0.31656
         443547.97    3748497.03        0.28214
443572.97    3748497.03        0.25539
         443597.97    3748497.03        0.24397
443622.97    3748497.03        0.24326

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 374
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91WRAM ***
                                  INCLUDING SOURCE(S):
L0053845    , L0053846    , L0053847    , L0053848    , L0053849    ,
               L0053850    , L0053851    , L0053852    ,
L0053853    , L0053854    , L0053855    , L0053856    , L0053857    ,
               L0053858    , L0053859    , L0053860    ,
L0053861    , L0053862    , L0053863    , L0053864    , L0053865    ,
               L0053866    , L0053867    , L0053868    ,
L0053869    , L0053870    , L0053871    , L0053872    ,  . . .      ,

                                        *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                       ** CONC OF UNITEMIS IN
MICROGRAMS/M**3                         **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443647.97    3748497.03        0.23704
443897.97    3748497.03        0.21254
         443922.97    3748497.03        0.21036
443947.97    3748497.03        0.20398
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         443272.97    3748522.03        0.36858
443297.97    3748522.03        0.36074
         443322.97    3748522.03        0.33351
443397.97    3748522.03        0.32060
         443422.97    3748522.03        0.34765
443447.97    3748522.03        0.35055
         443472.97    3748522.03        0.34305
443497.97    3748522.03        0.33577
         443522.97    3748522.03        0.31013
443547.97    3748522.03        0.25987
         443572.97    3748522.03        0.24108
443597.97    3748522.03        0.24494
         443622.97    3748522.03        0.24426
443647.97    3748522.03        0.23831
         443872.97    3748522.03        0.22382
443897.97    3748522.03        0.22193
         443922.97    3748522.03        0.21810
443272.97    3748547.03        0.41475
         443297.97    3748547.03        0.38251
443322.97    3748547.03        0.32691
         443422.97    3748547.03        0.37494
443447.97    3748547.03        0.36538
         443472.97    3748547.03        0.35053
443497.97    3748547.03        0.33545
         443522.97    3748547.03        0.26991
443547.97    3748547.03        0.25743
         443572.97    3748547.03        0.24994
443597.97    3748547.03        0.24414
         443622.97    3748547.03        0.25202
443647.97    3748547.03        0.24608
         443672.97    3748547.03        0.24064
443847.97    3748547.03        0.23619
         443872.97    3748547.03        0.23445
443897.97    3748547.03        0.23086
         443922.97    3748547.03        0.22321
443247.97    3748572.03        0.40754
         443272.97    3748572.03        0.43103
443297.97    3748572.03        0.40960
         443322.97    3748572.03        0.35907
443422.97    3748572.03        0.39427
         443447.97    3748572.03        0.38675
443472.97    3748572.03        0.36963
         443497.97    3748572.03        0.31339
443522.97    3748572.03        0.28135
         443547.97    3748572.03        0.26658
443572.97    3748572.03        0.25992
         443597.97    3748572.03        0.25729
443622.97    3748572.03        0.25677
         443647.97    3748572.03        0.25427
443672.97    3748572.03        0.25518
         443697.97    3748572.03        0.25403
443822.97    3748572.03        0.25298
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```
         443847.97    3748572.03        0.24910
443872.97    3748572.03        0.24475
         443897.97    3748572.03        0.23866
443247.97    3748597.03        0.44692
         443272.97    3748597.03        0.45457
443297.97    3748597.03        0.43967
         443397.97    3748597.03        0.42019
443422.97    3748597.03        0.41536
         443447.97    3748597.03        0.39599
443472.97    3748597.03        0.35808
         443497.97    3748597.03        0.31811
443572.97    3748597.03        0.28135
         443597.97    3748597.03        0.27887
443622.97    3748597.03        0.27650
         443647.97    3748597.03        0.27423
443672.97    3748597.03        0.27326
         443697.97    3748597.03        0.27566
443722.97    3748597.03        0.28014
         443797.97    3748597.03        0.27456
443822.97    3748597.03        0.26776
         443847.97    3748597.03        0.26056
443872.97    3748597.03        0.25470
         443222.97    3748622.03        0.50739
443247.97    3748622.03        0.50061

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91WRAM ***
                                INCLUDING SOURCE(S):
L0053845    , L0053846    , L0053847    , L0053848    , L0053849    ,
               L0053850    , L0053851    , L0053852    ,
L0053853    , L0053854    , L0053855    , L0053856    , L0053857    ,
               L0053858    , L0053859    , L0053860    ,
L0053861    , L0053862    , L0053863    , L0053864    , L0053865    ,
               L0053866    , L0053867    , L0053868    ,
L0053869    , L0053870    , L0053871    , L0053872    ,  . . .      ,

                                             *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                          ** CONC OF UNITEMIS IN
MICROGRAMS/M**3                            **

       X-COORD (M)   Y-COORD (M)        CONC                        X-
COORD (M)   Y-COORD (M)        CONC
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         443797.97    3748672.03        0.32419
443197.97    3748697.03        0.73257
         443222.97    3748697.03        0.67354
443247.97    3748697.03        0.63515
         443347.97    3748697.03        0.59587
443372.97    3748697.03        0.53987
         443397.97    3748697.03        0.48438
443522.97    3748697.03        0.45194
         443547.97    3748697.03        0.44755
443572.97    3748697.03        0.43065
         443597.97    3748697.03        0.41181
443622.97    3748697.03        0.39919
         443647.97    3748697.03        0.38791
443672.97    3748697.03        0.38249
         443697.97    3748697.03        0.37761
443722.97    3748697.03        0.37034
         443747.97    3748697.03        0.36157
443772.97    3748697.03        0.35181
         443172.97    3748722.03        0.81713
443197.97    3748722.03        0.79805
         443222.97    3748722.03        0.69890
443247.97    3748722.03        0.64346
         443322.97    3748722.03        0.69847
443347.97    3748722.03        0.62332
         443372.97    3748722.03        0.57348
443472.97    3748722.03        0.52755
         443497.97    3748722.03        0.50218
443522.97    3748722.03        0.50131
         443547.97    3748722.03        0.49313
443572.97    3748722.03        0.46978

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 376
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91WRAM ***
                                  INCLUDING SOURCE(S):
L0053845    , L0053846    , L0053847    , L0053848    , L0053849    ,
                L0053850    , L0053851    , L0053852    ,
L0053853    , L0053854    , L0053855    , L0053856    , L0053857    ,
                L0053858    , L0053859    , L0053860    ,
L0053861    , L0053862    , L0053863    , L0053864    , L0053865    ,
                L0053866    , L0053867    , L0053868    ,
L0053869    , L0053870    , L0053871    , L0053872    ,  . . .      ,

                                                *** DISCRETE CARTESIAN
RECEPTOR POINTS ***
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** CONC OF UNITEMIS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
443597.97	3748722.03	0.44282	443622.97	3748722.03	0.42461
443647.97	3748722.03	0.41273	443672.97	3748722.03	0.40691
443697.97	3748722.03	0.40169	443722.97	3748722.03	0.38983
443747.97	3748722.03	0.37346	443172.97	3748747.03	0.87913
443197.97	3748747.03	0.83905	443222.97	3748747.03	0.70045
443297.97	3748747.03	0.76910	443322.97	3748747.03	0.75012
443347.97	3748747.03	0.67765	443447.97	3748747.03	0.59040
443472.97	3748747.03	0.57051	443497.97	3748747.03	0.54961
443522.97	3748747.03	0.52650	443547.97	3748747.03	0.50818
443572.97	3748747.03	0.48552	443597.97	3748747.03	0.46302
443622.97	3748747.03	0.44780	443647.97	3748747.03	0.43567
443672.97	3748747.03	0.42985	443697.97	3748747.03	0.42187
443722.97	3748747.03	0.40945	443147.97	3748772.03	0.98819
443172.97	3748772.03	0.94600	443197.97	3748772.03	0.83725
443222.97	3748772.03	0.76548	443297.97	3748772.03	0.83210
443322.97	3748772.03	0.80816	443397.97	3748772.03	0.68238
443422.97	3748772.03	0.65209	443447.97	3748772.03	0.62560
443472.97	3748772.03	0.59691	443497.97	3748772.03	0.57117
443522.97	3748772.03	0.53977	443547.97	3748772.03	0.51851
443572.97	3748772.03	0.49976	443597.97	3748772.03	0.48263
443622.97	3748772.03	0.46974	443647.97	3748772.03	0.46075
443122.97	3748797.03	1.10227	443147.97	3748797.03	1.06926

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         443172.97    3748797.03        1.01474
443197.97    3748797.03        0.89542
         443222.97    3748797.03        0.91361
443247.97    3748797.03        0.94077
         443272.97    3748797.03        0.93232
443297.97    3748797.03        0.90397
         443372.97    3748797.03        0.79101
443397.97    3748797.03        0.73727
         443422.97    3748797.03        0.68762
443447.97    3748797.03        0.65071
         443472.97    3748797.03        0.61719
443497.97    3748797.03        0.58224
         443522.97    3748797.03        0.55514
443547.97    3748797.03        0.53798
         443572.97    3748797.03        0.52448
443097.97    3748822.03        1.23236
         443122.97    3748822.03        1.20184
443147.97    3748822.03        1.15482
         443172.97    3748822.03        1.10308
443197.97    3748822.03        1.07604
         443222.97    3748822.03        1.07509
443247.97    3748822.03        1.04750
         443272.97    3748822.03        1.01241
443297.97    3748822.03        0.97786
         443322.97    3748822.03        0.94392
443347.97    3748822.03        0.90915
         443372.97    3748822.03        0.84907
443397.97    3748822.03        0.77972
         443422.97    3748822.03        0.72066
443447.97    3748822.03        0.67730
         443472.97    3748822.03        0.63979
443072.97    3748847.03        1.39263
         443097.97    3748847.03        1.36772
443122.97    3748847.03        1.32110
         443147.97    3748847.03        1.27223
443272.97    3748847.03        1.10378

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 377
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: SR91WRAM ***
                                  INCLUDING SOURCE(S):
L0053845    , L0053846    , L0053847    , L0053848    , L0053849    ,
               L0053850    , L0053851    , L0053852    ,
L0053853    , L0053854    , L0053855    , L0053856    , L0053857    ,
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                L0053858    , L0053859    , L0053860    ,
L0053861    , L0053862    , L0053863    , L0053864    , L0053865    ,
                L0053866    , L0053867    , L0053868    ,
L0053869    , L0053870    , L0053871    , L0053872    ,  . . .      ,

                                          *** DISCRETE CARTESIAN
RECEPTOR POINTS ***

                                         ** CONC OF UNITEMIS IN
MICROGRAMS/M**3                           **

       X-COORD (M)   Y-COORD (M)        CONC                       X-
COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         443297.97    3748847.03        1.05373
443322.97    3748847.03        1.00176
         443347.97    3748847.03        0.93638
443372.97    3748847.03        0.86805
         443397.97    3748847.03        0.80547
443072.97    3748872.03        1.58736
         443097.97    3748872.03        1.54267
443122.97    3748872.03        1.48536
         443272.97    3748872.03        1.22314
443297.97    3748872.03        1.15560
         443322.97    3748872.03        1.08251
443347.97    3748872.03        0.98431
         443047.97    3748897.03        1.83831
443072.97    3748897.03        1.78872
         443097.97    3748897.03        1.73353
443122.97    3748897.03        1.67924
         443297.97    3748897.03        1.26249
443322.97    3748897.03        1.16165
         443028.81    3748928.79        2.21331
443047.97    3748922.03        2.10298
         443072.97    3748922.03        2.03712
443097.97    3748922.03        1.97812
         443122.97    3748922.03        1.92227
443147.97    3748922.03        1.86634
         443172.97    3748922.03        1.80725
443003.50    3748951.03        2.55756
         443022.97    3748947.03        2.46538
443047.97    3748947.03        2.41534
         443072.97    3748947.03        2.34478
443097.97    3748947.03        2.28070
         443122.97    3748947.03        2.21351
443147.97    3748947.03        2.14033
         443172.97    3748947.03        2.06312
442977.27    3748975.72        2.98151
         442997.97    3748972.03        2.88719
443022.97    3748972.03        2.84268
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         443047.97    3748972.03        2.79281
443072.97    3748972.03        2.72742
         443097.97    3748972.03        2.65288
443122.97    3748972.03        2.57296
         443147.97    3748972.03        2.48343
443172.97    3748972.03        2.38289
         442947.97    3748997.03        3.40090
442972.97    3748997.03        3.37419
         442997.97    3748997.03        3.34273
443022.97    3748997.03        3.30241
         443047.97    3748997.03        3.26357
443072.97    3748997.03        3.20820
         443097.97    3748997.03        3.13353
443122.97    3748997.03        3.04159
         443147.97    3748997.03        2.92013
442922.97    3749022.03        3.97302
         442947.97    3749022.03        3.96651
442972.97    3749022.03        3.96275
         442997.97    3749022.03        3.95358
443022.97    3749022.03        3.92632
         443047.97    3749022.03        3.89803
443072.97    3749022.03        3.84741
         443102.27    3749028.48        3.96223
443118.05    3749011.89        3.41371
         442918.36    3749057.17        5.04519
442947.05    3749054.10        4.95482
         442972.97    3749047.03        4.72401
442997.97    3749047.03        4.74068
         443018.97    3749057.17        5.13581
443043.67    3749053.18        4.99764
         443072.97    3749047.03        4.72859
442904.73    3749080.33        6.03910
         442925.74    3749077.56        5.95415
442947.97    3749072.03        5.72135
         442972.66    3749064.96        5.43704
443321.39    3748281.81        0.17484
         443345.73    3748282.87        0.17985
443372.19    3748295.57        0.18234
         443398.64    3748320.97        0.18308
443920.42    3747346.84        0.03057
         443920.89    3747371.73        0.03144
443923.71    3747395.21        0.03244
         443922.30    3747421.03        0.03362
443923.24    3747444.04        0.03511

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 378
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: SR91WRAM ***
INCLUDING SOURCE(S):
L0053845 , L0053846 , L0053847 , L0053848 , L0053849 , L0053850 , L0053851 , L0053852 ,
L0053853 , L0053854 , L0053855 , L0053856 , L0053857 , L0053858 , L0053859 , L0053860 ,
L0053861 , L0053862 , L0053863 , L0053864 , L0053865 , L0053866 , L0053867 , L0053868 ,
L0053869 , L0053870 , L0053871 , L0053872 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF UNITEMIS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
442945.03	3749041.56	4.52400			

*** AERMOD - VERSION 18081 *** *** Trails of Corona SR91 Freeway *** 08/06/18
*** AERMET - VERSION 16216 *** *** Annual Average Unit Emissions *** 15:14:42

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER 5 YEARS ***

** CONC OF UNITEMIS IN MICROGRAMS/M**3 **

NETWORK GROUP ID	AVERAGE CONC OF TYPE	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	GRID-ID
SR91E14	1ST HIGHEST VALUE IS	7.40503 AT (442925.74, 3749077.56, 181.63, 1224.00, 0.00)	DC
	2ND HIGHEST VALUE IS	7.33172 AT (442904.73, 3749080.33, 181.15, 1224.00, 0.00)	DC
	3RD HIGHEST VALUE IS	7.26850 AT (442947.97, 3749072.03, 181.53, 1224.00, 0.00)	DC

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          4TH HIGHEST VALUE IS       7.13853 AT (  443043.67,
3749053.18,   183.54,  1224.00,    0.00)  DC
          5TH HIGHEST VALUE IS       7.12337 AT (  443072.97,
3749047.03,   185.03,  1224.00,    0.00)  DC
          6TH HIGHEST VALUE IS       7.07881 AT (  442972.66,
3749064.96,   181.74,  1224.00,    0.00)  DC
          7TH HIGHEST VALUE IS       7.04693 AT (  443018.97,
3749057.17,   182.03,  1224.00,    0.00)  DC
          8TH HIGHEST VALUE IS       6.42737 AT (  443102.27,
3749028.48,   187.15,  1224.00,    0.00)  DC
          9TH HIGHEST VALUE IS       6.32320 AT (  442997.97,
3749047.03,   182.00,  1224.00,    0.00)  DC
         10TH HIGHEST VALUE IS       6.22804 AT (  442947.05,
3749054.10,   181.00,  1224.00,    0.00)  DC

SR91E56   1ST HIGHEST VALUE IS       5.86356 AT (  442925.74,
3749077.56,   181.63,  1224.00,    0.00)  DC
          2ND HIGHEST VALUE IS       5.82295 AT (  442904.73,
3749080.33,   181.15,  1224.00,    0.00)  DC
          3RD HIGHEST VALUE IS       5.76484 AT (  442947.97,
3749072.03,   181.53,  1224.00,    0.00)  DC
          4TH HIGHEST VALUE IS       5.68830 AT (  443072.97,
3749047.03,   185.03,  1224.00,    0.00)  DC
          5TH HIGHEST VALUE IS       5.67058 AT (  443043.67,
3749053.18,   183.54,  1224.00,    0.00)  DC
          6TH HIGHEST VALUE IS       5.63624 AT (  442972.66,
3749064.96,   181.74,  1224.00,    0.00)  DC
          7TH HIGHEST VALUE IS       5.60978 AT (  443018.97,
3749057.17,   182.03,  1224.00,    0.00)  DC
          8TH HIGHEST VALUE IS       5.21996 AT (  443102.27,
3749028.48,   187.15,  1224.00,    0.00)  DC
          9TH HIGHEST VALUE IS       5.12817 AT (  442997.97,
3749047.03,   182.00,  1224.00,    0.00)  DC
         10TH HIGHEST VALUE IS       5.06513 AT (  442947.05,
3749054.10,   181.00,  1224.00,    0.00)  DC

SR91EHOV  1ST HIGHEST VALUE IS       4.44189 AT (  442925.74,
3749077.56,   181.63,  1224.00,    0.00)  DC
          2ND HIGHEST VALUE IS       4.39727 AT (  442904.73,
3749080.33,   181.15,  1224.00,    0.00)  DC
          3RD HIGHEST VALUE IS       4.33946 AT (  442947.97,
3749072.03,   181.53,  1224.00,    0.00)  DC
          4TH HIGHEST VALUE IS       4.24742 AT (  443043.67,
3749053.18,   183.54,  1224.00,    0.00)  DC
          5TH HIGHEST VALUE IS       4.24197 AT (  443072.97,
3749047.03,   185.03,  1224.00,    0.00)  DC
          6TH HIGHEST VALUE IS       4.20209 AT (  442972.66,
3749064.96,   181.74,  1224.00,    0.00)  DC
          7TH HIGHEST VALUE IS       4.18189 AT (  443018.97,
3749057.17,   182.03,  1224.00,    0.00)  DC
          8TH HIGHEST VALUE IS       3.77395 AT (  443102.27,
3749028.48,   187.15,  1224.00,    0.00)  DC
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          9TH HIGHEST VALUE IS       3.68565 AT (  442997.97,
3749047.03,   182.00,  1224.00,    0.00)  DC
         10TH HIGHEST VALUE IS       3.62403 AT (  442947.05,
3749054.10,   181.00,  1224.00,    0.00)  DC

SR91ERAM  1ST HIGHEST VALUE IS      15.63010 AT (  443072.97,
3749047.03,   185.03,  1224.00,    0.00)  DC
          2ND HIGHEST VALUE IS      15.47028 AT (  443043.67,
3749053.18,   183.54,  1224.00,    0.00)  DC
          3RD HIGHEST VALUE IS      15.44292 AT (  442925.74,
3749077.56,   181.63,  1224.00,    0.00)  DC
          4TH HIGHEST VALUE IS      15.15810 AT (  442947.97,
3749072.03,   181.53,  1224.00,    0.00)  DC
          5TH HIGHEST VALUE IS      14.92320 AT (  443018.97,
3749057.17,   182.03,  1224.00,    0.00)  DC
          6TH HIGHEST VALUE IS      14.86913 AT (  442904.73,
3749080.33,   181.15,  1224.00,    0.00)  DC
          7TH HIGHEST VALUE IS      14.61261 AT (  442972.66,
3749064.96,   181.74,  1224.00,    0.00)  DC
          8TH HIGHEST VALUE IS      12.65694 AT (  443102.27,
3749028.48,   187.15,  1224.00,    0.00)  DC
          9TH HIGHEST VALUE IS      11.67841 AT (  442997.97,
3749047.03,   182.00,  1224.00,    0.00)  DC
         10TH HIGHEST VALUE IS      11.10717 AT (  442947.05,
3749054.10,   181.00,  1224.00,    0.00)  DC

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 380
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                  *** THE SUMMARY OF MAXIMUM ANNUAL
RESULTS AVERAGED OVER   5 YEARS ***


                                   ** CONC OF UNITEMIS IN
MICROGRAMS/M**3                         **


NETWORK
GROUP ID                        AVERAGE CONC                RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

SR91W14   1ST HIGHEST VALUE IS      11.26499 AT (  442925.74,
3749077.56,   181.63,  1224.00,    0.00)  DC
          2ND HIGHEST VALUE IS      11.19450 AT (  442904.73,
3749080.33,   181.15,  1224.00,    0.00)  DC
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          3RD HIGHEST VALUE IS      10.86026 AT (  442947.97,
3749072.03,   181.53,  1224.00,    0.00)  DC
          4TH HIGHEST VALUE IS      10.36225 AT (  442972.66,
3749064.96,   181.74,  1224.00,    0.00)  DC
          5TH HIGHEST VALUE IS      10.34743 AT (  443043.67,
3749053.18,   183.54,  1224.00,    0.00)  DC
          6TH HIGHEST VALUE IS      10.29155 AT (  443072.97,
3749047.03,   185.03,  1224.00,    0.00)  DC
          7TH HIGHEST VALUE IS      10.19744 AT (  443018.97,
3749057.17,   182.03,  1224.00,    0.00)  DC
          8TH HIGHEST VALUE IS       8.88367 AT (  443102.27,
3749028.48,   187.15,  1224.00,    0.00)  DC
          9TH HIGHEST VALUE IS       8.74505 AT (  442997.97,
3749047.03,   182.00,  1224.00,    0.00)  DC
         10TH HIGHEST VALUE IS       8.65130 AT (  442947.05,
3749054.10,   181.00,  1224.00,    0.00)  DC

SR91W56   1ST HIGHEST VALUE IS      10.75899 AT (  442925.74,
3749077.56,   181.63,  1224.00,    0.00)  DC
          2ND HIGHEST VALUE IS      10.61520 AT (  442904.73,
3749080.33,   181.15,  1224.00,    0.00)  DC
          3RD HIGHEST VALUE IS      10.40263 AT (  442947.97,
3749072.03,   181.53,  1224.00,    0.00)  DC
          4TH HIGHEST VALUE IS       9.95492 AT (  442972.66,
3749064.96,   181.74,  1224.00,    0.00)  DC
          5TH HIGHEST VALUE IS       9.94983 AT (  443043.67,
3749053.18,   183.54,  1224.00,    0.00)  DC
          6TH HIGHEST VALUE IS       9.89885 AT (  443072.97,
3749047.03,   185.03,  1224.00,    0.00)  DC
          7TH HIGHEST VALUE IS       9.78350 AT (  443018.97,
3749057.17,   182.03,  1224.00,    0.00)  DC
          8TH HIGHEST VALUE IS       8.59375 AT (  443102.27,
3749028.48,   187.15,  1224.00,    0.00)  DC
          9TH HIGHEST VALUE IS       8.40001 AT (  442997.97,
3749047.03,   182.00,  1224.00,    0.00)  DC
         10TH HIGHEST VALUE IS       8.27654 AT (  442947.05,
3749054.10,   181.00,  1224.00,    0.00)  DC

SR91WHOV  1ST HIGHEST VALUE IS       5.06927 AT (  442925.74,
3749077.56,   181.63,  1224.00,    0.00)  DC
          2ND HIGHEST VALUE IS       5.02041 AT (  442904.73,
3749080.33,   181.15,  1224.00,    0.00)  DC
          3RD HIGHEST VALUE IS       4.92826 AT (  442947.97,
3749072.03,   181.53,  1224.00,    0.00)  DC
          4TH HIGHEST VALUE IS       4.74414 AT (  443043.67,
3749053.18,   183.54,  1224.00,    0.00)  DC
          5TH HIGHEST VALUE IS       4.74180 AT (  442972.66,
3749064.96,   181.74,  1224.00,    0.00)  DC
          6TH HIGHEST VALUE IS       4.70868 AT (  443072.97,
3749047.03,   185.03,  1224.00,    0.00)  DC
          7TH HIGHEST VALUE IS       4.68395 AT (  443018.97,
3749057.17,   182.03,  1224.00,    0.00)  DC
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          8TH HIGHEST VALUE IS       4.12248 AT (  443102.27,
3749028.48,   187.15,  1224.00,    0.00)  DC
          9TH HIGHEST VALUE IS       4.09447 AT (  442997.97,
3749047.03,   182.00,  1224.00,    0.00)  DC
         10TH HIGHEST VALUE IS       4.04725 AT (  442947.05,
3749054.10,   181.00,  1224.00,    0.00)  DC

SR91WRAM  1ST HIGHEST VALUE IS       6.03910 AT (  442904.73,
3749080.33,   181.15,  1224.00,    0.00)  DC
          2ND HIGHEST VALUE IS       5.95415 AT (  442925.74,
3749077.56,   181.63,  1224.00,    0.00)  DC
          3RD HIGHEST VALUE IS       5.72135 AT (  442947.97,
3749072.03,   181.53,  1224.00,    0.00)  DC
          4TH HIGHEST VALUE IS       5.43704 AT (  442972.66,
3749064.96,   181.74,  1224.00,    0.00)  DC
          5TH HIGHEST VALUE IS       5.13581 AT (  443018.97,
3749057.17,   182.03,  1224.00,    0.00)  DC
          6TH HIGHEST VALUE IS       5.04519 AT (  442918.36,
3749057.17,   181.02,  1224.00,    0.00)  DC
          7TH HIGHEST VALUE IS       4.99764 AT (  443043.67,
3749053.18,   183.54,  1224.00,    0.00)  DC
          8TH HIGHEST VALUE IS       4.95482 AT (  442947.05,
3749054.10,   181.00,  1224.00,    0.00)  DC
          9TH HIGHEST VALUE IS       4.74068 AT (  442997.97,
3749047.03,   182.00,  1224.00,    0.00)  DC
         10TH HIGHEST VALUE IS       4.72859 AT (  443072.97,
3749047.03,   185.03,  1224.00,    0.00)  DC


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

 *** AERMOD - VERSION  18081 ***   *** Trails of Corona SR91 Freeway
***        08/06/18
 *** AERMET - VERSION  16216 ***   *** Annual Average Unit Emissions
***        15:14:42

PAGE 381
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

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

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of         1638 Informational Message(s)

 A Total of        43848 Hours Were Processed
```

```
 A Total of         1039 Calm Hours Identified

 A Total of          599 Missing Hours Identified (  1.37 Percent)


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


    ********   WARNING MESSAGES   ********
 ME W186    7768       MEOPEN: THRESH_1MIN 1-min ASOS wind speed
threshold used           0.50
 ME W187    7768       MEOPEN: ADJ_U* Option for Stable Low Winds used
in AERMET

    ***********************************
    *** AERMOD Finishes Successfully ***
    ***********************************
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Trails at Corona —Energy Consumption Summary

FCS Project Number: 5082.0001.1

Date of Last Revision: November 3, 2021

Summary of Energy Use During Construction		(Annually)
Construction vehicle fuel	573,854	gallons (gasoline, diesel)
Construction equipment fuel	190,057	gallons (diesel)
Construction office trailer electricity	19,923	kilowatt hours

Summary of Energy Use During Proposed Operations		(Annually)
Operational vehicle fuel consumption	229,374	gallons (gasoline, diesel)
Operational natural gas consumption	12,217,650	kilo-British Thermal Units
Operational electricity consumption	3,021,756	kilowatt hours

Construction Vehicle Fuel Calculations

California Air Resource Board (ARB). 2021. EMFAC2017 Web Database. Website: https://arb.ca.gov/emfac/2017/. Accessed November 3, 2021.

EMFAC2017 (v1.0.2) Emissions Inventory
Region Type: Sub-Area
Region: Riverside (SC)
Calendar Year: 2022
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for VMT, trips/day for Trips, tons/day for Emissions, 1000 gallons/day for Fuel Consumption. Note 'day' in the unit is operation day.

VMT = Vehicle Miles Traveled
FE = Fuel Economy

							Calculations	
VehClass	MdlYr	Speed	Fuel	Population	VMT (mi/day)	Consumption (1000 gallons/day)	FE (mi/gallon)	VMT*FE
HHDT	Aggregated	Aggregated	GAS	6.576938112	469.290096	0.111263246	4.21783575	1979.3885
HHDT	Aggregated	Aggregated	DSL	15714.36952	1943053.85	272.0962785	7.14105263	13875450
LDA	Aggregated	Aggregated	GAS	581991.6725	23700815.4	737.3963282	32.141217	761773051
LDA	Aggregated	Aggregated	DSL	5627.648407	239612.135	4.599543626	52.0947631	12482537
LDT1	Aggregated	Aggregated	GAS	60037.51621	2261929.71	82.62273159	27.3766028	61923951
LDT1	Aggregated	Aggregated	DSL	27.76404389	601.668024	0.023368267	25.7472249	15491.282
LDT2	Aggregated	Aggregated	GAS	182118.8677	7165411.1	277.8915039	25.7849232	184759575
LDT2	Aggregated	Aggregated	DSL	1054.483634	48028.5582	1.225311901	39.1970062	1882575.7
LHDT1	Aggregated	Aggregated	GAS	15417.55767	499086.081	46.20219857	10.802215	5391235.1
LHDT1	Aggregated	Aggregated	DSL	15837.49513	530194.902	25.31901832	20.9405789	11102588
LHDT2	Aggregated	Aggregated	GAS	2252.42518	73474.6445	7.77372894	9.45166021	694457.37
LHDT2	Aggregated	Aggregated	DSL	6123.275766	205588.303	10.73310092	19.1546045	3937962.6
MHDT	Aggregated	Aggregated	GAS	1326.926938	54049.911	10.27353802	5.26108055	284360.94
MHDT	Aggregated	Aggregated	DSL	11907.6705	740259.875	66.31428963	11.1629014	8263448

Worker
Sum of VMT*FE (Column BI) 1.023E+09
Total VMT 33416399
Weighted Average FE 30.60884

Vendor
Sum of VMT*FE (Column BI) 43551481
Total VMT 4046176.9
Weighted Average FE 10.763613

Haul
Sum of VMT*FE (Column BI) 13877429
Total VMT 1943523.1
Weighted Average FE 7.1403468

Construction Parameters

Source: AQ/GHG Appendix, CalEEMod Output
Trails at Corona - Construction & Operation -Riverside-South Coast County, Annual
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Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days
Demolition - Phase 1	Demolition	4/1/2022	5/1/2022	7	31
Site Preparation - Phase 1	Site Preparation	5/2/2022	7/30/2022	7	90
Site Preparation - Phase 2	Site Preparation	7/31/2022	8/10/2022	7	11
Grading - Phase 1	Grading	7/31/2022	1/3/2023	7	157
Grading - Phase 2	Grading	8/11/2022	9/1/2022	7	22
Building Construction - Phase 2	Building Construction	9/2/2022	4/20/2023	7	231
Building Construction - Phase 1	Building Construction	1/4/2023	9/30/2024	7	636
Paving - Phase 2	Paving	4/21/2023	5/11/2023	7	21
Architectural Coating - Phase 2	Architectural Coating	5/12/2023	6/2/2023	7	22
Paving - Phase 1	Paving	10/1/2024	1/19/2025	7	111
Architectural Coating - Phase 1	Architectural Coating	1/20/2025	4/4/2025	7	75

Construction Trips and VMT

	Trips per Day		Total Trips	Construction Trip Length in Miles			Number of	Trips per Phase			VMT per Phase			Fuel Consumption (gallons)		
Phase Name	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Days per Phase	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trips	Vendor Trips	Hauling Trips	Worker Trips	Vendor Trips	Hauling Trips
Demolition - Phase 1	15	0	11	14.7	6.9	20	31	465	0	11	6,836	0	220	223.32	0.00	1.54
Site Preparation - Phase 1	18	0	0	14.7	6.9	20	90	1,620	0	0	23,814	0	0	778.01	0.00	0.00
Site Preparation - Phase 2	18	0	0	14.7	6.9	20	11	198	0	0	2,911	0	0	95.09	0.00	0.00
Grading - Phase 1	20	0	13787	14.7	6.9	5.6	157	3,140	0	13,787	46,158	0	77,207	1,508.00	0.00	1,930.86
Grading - Phase 2	20	0	0	14.7	6.9	20	22	440	0	0	6,468	0	0	211.31	0.00	0.00
Building Construction - Phase 2	909	326	0	14.7	6.9	20	231	209,979	75,306	0	3,086,691	519,611	0	100,843.13	48,274.81	0.00
Building Construction - Phase 1	909	326	0	14.7	6.9	20	636	578,124	207,336	0	8,498,423	1,430,618	0	277,646.03	132,912.47	0.00
Paving - Phase 2	15	0	0	14.7	6.9	20	21	315	0	0	4,631	0	0	151.28	0.00	0.00
Architectural Coating - Phase 2	182	0	0	14.7	6.9	20	22	4,004	0	0	58,859	0	0	1,922.93	0.00	0.00
Paving - Phase 1	15	0	0	14.7	6.9	20	111	1,665	0	0	24,476	0	0	799.62	0.00	0.00
Architectural Coating - Phase 1	182	0	0	14.7	6.9	20	75	13,650	0	0	200,655	0	0	6,555.46	0.00	0.00

Total Project Construction VMT (miles)
13,987,577

Total Project Fuel Consumption (gallons)
573,854

Construction Equipment Fuel Calculation

Source: AQ/GHG Appendix, CalEEMod Output

Trails at Corona - Construction & Operation -Riverside-South Coast County, Annual

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Construction Schedule

CalEEMod Run	Phase Type	Start Date	End Date	Num Days Week	Num Days
Demolition - Phase 1	Demolition	4/1/2022	5/1/2022	7	31
Site Preparation - Phase 1	Site Preparation	5/2/2022	7/30/2022	7	90
Site Preparation - Phase 2	Site Preparation	7/31/2022	8/10/2022	7	11
Grading - Phase 1	Grading	7/31/2022	1/3/2023	7	157
Grading - Phase 2	Grading	8/11/2022	9/1/2022	7	22
Building Construction - Phase 2	Building Construction	9/2/2022	4/20/2023	7	231
Building Construction - Phase 1	Building Construction	1/4/2023	9/30/2024	7	636
Paving - Phase 2	Paving	4/21/2023	5/11/2023	7	21
Architectural Coating - Phase 2	Architectural Coating	5/12/2023	6/2/2023	7	22
Paving - Phase 1	Paving	10/1/2024	1/19/2025	7	111
Architectural Coating - Phase 1	Architectural Coating	1/20/2025	4/4/2025	7	75

Construction Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor	Number of Days	HP Hours	Diesel Fuel Usage
Demolition - Phase 1	Concrete/Industrial Saws	1	8	81	0.73	31	14664.24	733.21
Demolition - Phase 1	Excavators	3	8	158	0.38	31	44669.76	2,233.49
Demolition - Phase 1	Rubber Tired Dozers	2	8	247	0.4	31	49004.8	2,450.24
Site Preparation - Phase 1	Rubber Tired Dozers	3	8	247	0.4	90	213408	10,670.40
Site Preparation - Phase 1	Tractors/Loaders/Backhoes	4	8	97	0.37	90	103363.2	5,168.16
Site Preparation - Phase 2	Rubber Tired Dozers	3	8	247	0.4	11	26083.2	1,304.16
Site Preparation - Phase 2	Tractors/Loaders/Backhoes	4	8	97	0.37	11	12633.28	631.66
Grading - Phase 1	Excavators	2	8	158	0.38	157	150820.48	7,541.02
Grading - Phase 1	Graders	1	8	187	0.41	157	96297.52	4,814.88
Grading - Phase 1	Rubber Tired Dozers	1	8	247	0.4	157	124092.8	6,204.64
Grading - Phase 1	Scrapers	2	8	367	0.48	157	442513.92	22,125.70
Grading - Phase 1	Tractors/Loaders/Backhoes	2	8	97	0.37	157	90155.68	4,507.78
Grading - Phase 2	Excavators	2	8	158	0.38	22	21134.08	1,056.70
Grading - Phase 2	Graders	1	8	187	0.41	22	13493.92	674.70
Grading - Phase 2	Rubber Tired Dozers	1	8	247	0.4	22	17388.8	869.44
Grading - Phase 2	Scrapers	2	8	367	0.48	22	62008.32	3,100.42
Grading - Phase 2	Tractors/Loaders/Backhoes	2	8	97	0.37	22	12633.28	631.66
Building Construction - Phase 2	Cranes	1	7	231	0.29	231	108322.83	5,416.14
Building Construction - Phase 2	Forklifts	3	8	89	0.2	231	98683.2	4,934.16
Building Construction - Phase 2	Generator Sets	1	8	84	0.74	231	114871.68	5,743.58
Building Construction - Phase 2	Tractors/Loaders/Backhoes	3	7	97	0.37	231	174102.39	8,705.12
Building Construction - Phase 2	Welders	1	8	46	0.45	231	38253.6	1,912.68
Building Construction - Phase 1	Cranes	1	7	231	0.29	636	298239.48	14,911.97
Building Construction - Phase 1	Forklifts	3	8	89	0.2	636	271699.2	13,584.96
Building Construction - Phase 1	Generator Sets	1	8	84	0.74	636	316270.08	15,813.50
Building Construction - Phase 1	Tractors/Loaders/Backhoes	3	7	97	0.37	636	479346.84	23,967.34
Building Construction - Phase 1	Welders	1	8	46	0.45	636	105321.6	5,266.08
Paving - Phase 2	Pavers	2	8	130	0.42	21	18345.6	917.28
Paving - Phase 2	Paving Equipment	2	8	132	0.36	21	15966.72	798.34
Paving - Phase 2	Rollers	2	8	80	0.38	21	10214.4	510.72
Architectural Coating - Phase 2	Air Compressors	1	6	78	0.48	22	4942.08	247.10
Paving - Phase 1	Pavers	2	8	130	0.42	111	96969.6	4,848.48
Paving - Phase 1	Paving Equipment	2	8	132	0.36	111	84395.52	4,219.78
Paving - Phase 1	Rollers	2	8	80	0.38	111	53990.4	2,699.52
Architectural Coating - Phase 1	Air Compressors	1	6	78	0.48	75	16848	842.40

Total Construction Equipment Fuel Consumption (gallons) 190,057.43

Construction Office Electricity Calculation

Source: AQ/GHG Appendix, CalEEMod Output

Trails at Corona - Construction & Operation -Riverside-South Coast County, Annual

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kWh/yr = kilowatt hours per year

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	6616.8	1.1735	1.0000e-004	1.0000e-005	1.1795
Total		**1.1735**	**1.0000e-004**	**1.0000e-005**	**1.1795**

Energy by Land Use - Electricity

Annual	6,617	kWh/yr
Total Over Construction	**19,923**	**kWh**

Total Construction Schedule

Start	4/1/2022
End	4/4/2025
Total Calendar Days	1099
Years	3.01

Project Operational Fuel Calculation

California Air Resource Board (ARB). 2021. EMFAC2017 Web Database. Website: https://arb.ca.gov/emfac/2017/. Accessed November 3, 2021.

EMFAC2017 (v1.0.2) Emissions Inventory
Region Type: Sub-Area
Region: Riverside (SC)
Calendar Year: 2025
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for VMT, trips/day for Trips, tons/day for Emissions, 1000 gallons/day for Fuel Consumption. Note 'day' in the unit is operation day.

VMT = Vehicle Miles Traveled
FE = Fuel Economy

Given *Calculations*

VehClass	MdlYr	Speed	Fuel	Population	VMT	Fuel Consumption	FE	VMT*FE
HHDT	Aggregated	Aggregated	GAS	5.917085626	489.3585501	0.106486337	4.595505509	2248.849913
HHDT	Aggregated	Aggregated	DSL	16787.91989	2073941.582	266.6806635	7.776872738	16128779.75
LDA	Aggregated	Aggregated	GAS	634445.4088	24819468.5	710.9474135	34.91041396	866457919.6
LDA	Aggregated	Aggregated	DSL	6750.331621	273894.7973	4.86620774	56.28506054	15416185.25
LDT1	Aggregated	Aggregated	GAS	64862.57189	2387662.891	80.27056308	29.74518678	71021478.67
LDT1	Aggregated	Aggregated	DSL	22.09264048	500.8045087	0.018345404	27.29863582	13671.2799
LDT2	Aggregated	Aggregated	GAS	196401.0012	7476968.972	260.7558659	28.67421198	214396193.2
LDT2	Aggregated	Aggregated	DSL	1411.82251	60038.76398	1.404804378	42.73816689	2565946.715
LHDT1	Aggregated	Aggregated	GAS	14855.10977	474380.1042	42.19764538	11.24186196	5332915.646
LHDT1	Aggregated	Aggregated	DSL	15929.66362	511419.863	23.41293572	21.84347444	11171186.71
LHDT2	Aggregated	Aggregated	GAS	2257.609118	71801.06903	7.305903018	9.827815788	705647.6798
LHDT2	Aggregated	Aggregated	DSL	6279.413605	200055.2549	10.03464055	19.93646449	3988394.485
MCY	Aggregated	Aggregated	GAS	29089.61205	176339.2601	4.66070934	37.83528369	6671845.931
MDV	Aggregated	Aggregated	GAS	154545.0839	5434458.472	240.3196517	22.61345851	122891901.2
MDV	Aggregated	Aggregated	DSL	3932.245175	155115.8465	4.958689367	31.28162202	4852275.277
MH	Aggregated	Aggregated	GAS	4266.702301	32841.07891	6.125460874	5.361405385	176074.3373
MH	Aggregated	Aggregated	DSL	1959.172346	14490.48271	1.299695142	11.14913971	161556.4162
MHDT	Aggregated	Aggregated	GAS	1438.72636	58388.27343	10.51666477	5.551976288	324170.3096
MHDT	Aggregated	Aggregated	DSL	12401.54695	763294.7123	63.47883817	12.02439639	9178158.18
OBUS	Aggregated	Aggregated	GAS	435.7273524	14480.56576	2.664732568	5.43415348	78689.6168
OBUS	Aggregated	Aggregated	DSL	238.3575855	16706.49314	1.762994271	9.476203873	158314.135
SBUS	Aggregated	Aggregated	GAS	450.3676781	15279.04245	1.704316781	8.964907591	136975.2036
SBUS	Aggregated	Aggregated	DSL	916.0655598	29066.07334	3.685751569	7.886064158	229216.9192
UBUS	Aggregated	Aggregated	GAS	167.3661527	23564.28502	3.667488521	6.425183033	151404.8443
UBUS	Aggregated	Aggregated	DSL	0.141961099	11.67769301	0.001254697	9.30718364	108.6864333

Sum of VMT*FE **1352211259**
Total VMT **45084658.23**
Weighted Average FE (miles/gallon) **29.9927**

Total VMT
Trails at Corona - Construction & Operation -Riverside-South Coast County, Annual
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4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Condo/Townhouse	429.20	476.76	367.72	1,644,372	1,644,372
Fast Food Restaurant with Drive Thru	377.50	493.90	378.80	1,190,642	1,190,642
Single Family Housing	1,063.23	1,075.68	963.63	4,044,538	4,044,538
Total	1,869.93	2,046.34	1,710.15	6,879,552	6,879,552

	Annual VMT (miles)	Fuel Consumption	
Total VMT	6,879,552	**229,374**	**gallons per year**

Project Operations Natural Gas Use

Source: AQ/GHG Appendix, CalEEMod Output

Trails at Corona - Construction & Operation -Riverside-South Coast County, Annual

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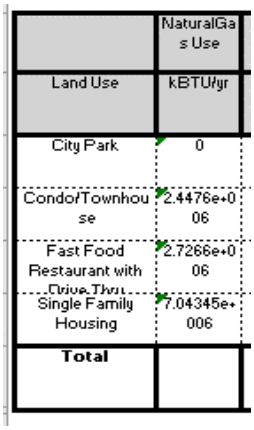
kBTU/yr = kilo-British Thermal Units/year

Land Use	Natural Gas Use (kBTU/yr)
City Park	0
Condo/Townhouse	2447600
Fast Food Restaurant with Drive Thru	2726600
Single Family Housing	7043450
Total	**12,217,650 kBTU/yr**



Land Use	NaturalGas Use kBTU/yr
City Park	0
Condo/Townhouse	2.4476e+006
Fast Food Restaurant with Drive Thru	2.7266e+006
Single Family Housing	7.04345e+006
Total	

Project Operations Electricity Use

Source: AQ/GHG Appendix, CalEEMod Output

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Date: 11/1/2021 3:40 PM

kWh/yr = kilowatt hours per year

Land Use	Electricity Use (kWh/yr)	
City Park	0	
Condo/Townhouse	576956	
Fast Food Restaurant with Drive Thru	461600	
Single Family Housing	1983200	
Total	**3,021,756**	**kWh/yr**

5.3 Energy by Land U

Unmitigated

	Electricity Use
Land Use	kWh/yr
City Park	0
Condo/Townhouse	576956
Fast Food Restaurant with Drive Thru	461600
Single Family Housing	1.98E+06
Total	

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Trails at Corona 2025 - Con Trailer

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1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	0.72	1000sqft	0.02	720.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.4	**Precipitation Freq (Days)**	28
Climate Zone	10			**Operational Year**	2022
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Construction Trailer

Construction Phase - Con Trailer

Trips and VMT -

Demolition -

Grading -

Architectural Coating -

Vehicle Trips -

Woodstoves -

Construction Off-road Equipment Mitigation -

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Energy Mitigation -

Fleet Mix -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	5.00	0.00
tblConstructionPhase	PhaseEndDate	2/24/2023	2/17/2023

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1.1735	1.1735	1.0000e-004	1.0000e-005	1.1795
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1.1735	1.1735	1.0000e-004	1.0000e-005	1.1795
NaturalGas Mitigated	1.0000e-005	1.2000e-004	1.0000e-004	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	0.1318	0.1318	0.0000	0.0000	0.1326
NaturalGas Unmitigated	1.0000e-005	1.2000e-004	1.0000e-004	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	0.1318	0.1318	0.0000	0.0000	0.1326

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	6616.8	1.1735	1.0000e-004	1.0000e-005	1.1795
Total		**1.1735**	**1.0000e-004**	**1.0000e-005**	**1.1795**

Appendix B

Trails at Corona 2025 - Con Trailer - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	6616.8	1.1735	1.0000e-004	1.0000e-005	1.1795
Total		**1.1735**	**1.0000e-004**	**1.0000e-005**	**1.1795**

Table 1: Screening Table for GHG Implementation Measures for Residential Development

Feature	Description	Assigned Point Values	Project Points
Reduction Measure R2-EE5: Exceed Energy Efficiency Standards in New Residential Units			
EE5.A Building Envelope			
EE5.A.1 Insulation	• 2016 Title 24 Requirements (walls R-13, roof/attic R-30) • Modestly Enhanced Insulation (walls R-15, roof/attic R-38) • Enhanced Insulation (rigid wall insulation R-13, roof/attic R-38) • Greatly Enhanced Insulation (spray foam wall insulated walls R-18 or higher, roof/attic R-38 or higher)	0 points 7 points 9 points 11 points	9
EE5.A.2 Windows	• 2016 Title 24 Windows (0.57 U-factor, 0.4 solar heat gain coefficient [SHGC]) • Modestly Enhanced Window (0.4 U-Factor, 0.32 SHGC) • Enhanced Window (0.32 U-Factor, 0.25 SHGC) • Greatly Enhanced Window (0.28 or less U-Factor, 0.22 or less SHGC)	0 points 3 points 4 points 5 points	5
EE5.A.3 Cool Roofs	• Modest Cool Roof (CRRC Rated 0.15 aged solar reflectance, 0.75 thermal emittance) • Enhanced Cool Roof (CRRC Rated 0.2 aged solar reflectance, 0.75 thermal emittance) • Greatly Enhanced Cool Roof (CRRC Rated 0.35 aged solar reflectance, 0.75 thermal emittance)	6 points 7 points 8 points	7
EE5.A.4 Air Infiltration	Minimizing leaks in the building envelope is as important as the insulation properties of the building. Insulation does not work effectively if there is excess air leakage. • Air barrier applied to exterior walls, caulking, and visual inspection such as the HERS Verified Quality Insulation Installation (QII or equivalent) • Blower Door HERS Verified Envelope Leakage or equivalent	6 points 5 points	11
EE5.A.5 Thermal Storage of Building	Thermal storage is a design characteristic that helps keep a constant temperature in the building. Common thermal storage devices include strategically placed water filled columns, water storage tanks, and thick masonry walls. • Modest Thermal Mass (10% of floor or 10% of walls 12" or more thick exposed concrete or masonry with no permanently installed floor covering such as carpet, linoleum, wood, or other insulating materials) • Enhanced Thermal Mass (20% of floor or 20% of walls 12" or more thick exposed concrete or masonry with no permanently installed floor covering such as carpet, linoleum, wood, or other insulating materials)	1 points 2 points	2

Feature	Description	Assigned Point Values	Project Points
EE5.B Indoor Space Efficiencies			
EE5.B.1 Heating/ Cooling Distribution System	• Minimum Duct Insulation (R-4.2 required) • Modest Duct insulation (R-6) • Enhanced Duct Insulation (R-8) • Distribution loss reduction with inspection (HERS Verified Duct Leakage or equivalent)	0 points 4 points 5 points 7 points	5
EE5.B.2 Space Heating/ Cooling Equipment	• 2016 Title 24 Minimum HVAC Efficiency (SEER 13/75% AFUE or 7.7 HSPF) • Improved Efficiency HVAC (SEER 14/78% AFUE or 8 HSPF) • High Efficiency HVAC (SEER 15/80% AFUE or 8.5 HSPF) • Very High Efficiency HVAC (SEER 16/82% AFUE or 9 HSPF)	0 points 2 points 4 points 5 points	4
EE5.B.3 Water Heaters	• 2016 Title 24 Minimum Efficiency (0.57 Energy Factor) • Improved Efficiency Water Heater (0.675 Energy Factor) • High Efficiency Water Heater (0.72 Energy Factor) • Very High Efficiency Water Heater (0.92 Energy Factor) • Solar Pre-heat System (0.2 Net Solar Fraction) • Enhanced Solar Pre-heat System (0.35 Net Solar Fraction)	0 points 7 points 9 points 11 points 2 points 5 points	14
EE5.B.4 Daylighting	Daylighting is the ability of each room within the building to provide outside light during the day reducing the need for artificial lighting during daylight hours. • All peripheral rooms within the living space have at least one window (required) • All rooms within the living space have daylight (through use of windows, solar tubes, skylights, etc.) • All rooms daylighted	 0 points 1 point 1 point	
EE5.B.5 Artificial Lighting	• Efficient Lights (25% of in-unit fixtures considered high efficacy. High efficiency is defined as 40 lumens/watt for 15 watt or less fixtures; 50 lumens/watt for 15-40 watt fixtures, 60 lumens/watt for fixtures >40watt) • High Efficiency Lights (50% of in-unit fixtures are high efficiency) • Very High Efficiency Lights (100% of in-unit fixtures are high efficiency)	5 points 6 points 7 points	6
EE5.B.6 Appliances	• Energy Star Refrigerator (new) • Energy Star Dishwasher (new) • Energy Star Washing Machine (new)	1 point 1 point 1 point	3
EE5.C Miscellaneous Residential Building Efficiencies			
EE5.C.1 Building Placement	North/south alignment of building or other building placement such that the orientation of the buildings optimizes natural heating, cooling, and lighting.	3 points	
EE5.C2 Shading	At least 90% of south-facing glazing will be shaded by vegetation or overhangs at noon on June 21st.	2 points	
EE5.C3 Energy Star Homes	EPA Energy Star for Homes (version 3 or above)	15 points	
EE5.C.4 Independent Energy Efficiency Calculations	Provide point values based upon energy efficiency modeling of the project. Note that engineering data will be required documenting the energy efficiency and point values based upon the proven efficiency beyond Title 24 Energy Efficiency Standards.	TBD	
EE5.C.5 Other	This allows innovation by the applicant to provide design features that increase the energy efficiency of the project not provided in the table. Note that engineering data will be required documenting the energy efficiency of innovative designs and point values given based upon the proven efficiency beyond Title 24 Energy Efficiency Standards.	TBD	

Feature	Description	Assigned Point Values	Project Points
EE5.C.6 Existing Residential Retrofits	The applicant may wish to provide energy efficiency retrofit projects to existing residential dwelling units to further the point value of their project. Retrofitting existing residential dwelling units within the unincorporated County is a key reduction measure that is needed to reach the reduction goal. The potential for an applicant to take advantage of this program will be decided on a case-by-case basis and shall have the approval of the Riverside County Planning Department. The decision to allow applicants the ability to participate in this program will be evaluated based upon, but not limited to, the following: • Will the energy efficiency retrofit project benefit low income or disadvantaged residents? • Does the energy efficiency retrofit project provide co-benefits important to the County? • Point value will be determined based upon engineering and design criteria of the energy efficiency retrofit project.	TBD	
Reduction Measure R2-CE1: Clean Energy			
CE1.A Residential Renewable Energy Generation			
CE1.A.1 Photovoltaic	Solar Photovoltaic panels installed on individual homes or in collective neighborhood arrangements such that the total power provided augments: • 30 percent of the power needs of the project • 40 percent of the power needs of the project • 50 percent of the power needs of the project • 60 percent of the power needs of the project • 70 percent of the power needs of the project • 80 percent of the power needs of the project • 90 percent of the power needs of the project • 100 percent of the power needs of the project	9 points 12 points 17 points 20 points 23 points 25 points 28 points 31 points	9
CE1.A.2 Wind Turbines	Some areas of the County lend themselves to wind turbine applications. Analysis of the areas' capability to support wind turbines should be evaluated prior to choosing this feature. Individual wind turbines at homes or collective neighborhood arrangements of wind turbines such that the total power provided augments: • 30 percent of the power needs of the project • 40 percent of the power needs of the project • 50 percent of the power needs of the project • 60 percent of the power needs of the project • 70 percent of the power needs of the project • 80 percent of the power needs of the project • 90 percent of the power needs of the project • 100 percent of the power needs of the project	9 points 12 points 17 points 21 points 23 points 25 points 28 points 31 points	
CE1.A.3 Off-site Renewable Energy Project	The applicant may submit a proposal to supply an off-site renewable energy project such as renewable energy retrofits of existing homes. These off-site renewable energy retrofit project proposals will be determined on a case-by-case basis and shall be accompanied by a detailed plan that documents the quantity of renewable energy the proposal will generate. Point values will be determined based upon the energy generated by the proposal.	TBD	
CE1.A.4 Other Renewable Energy Generation	The applicant may have innovative designs or unique site circumstances (such as geothermal) that allow the project to generate electricity from renewable energy not provided in the table. The ability to supply other renewable energy and the point values allowed will be decided based upon engineering data documenting the ability to generate electricity.	TBD	

Feature	Description	Assigned Point Values	Project Points
Reduction Measure R2-W2: Exceed Water Efficiency Standards			
W2.A Residential Irrigation and Landscaping			
W2.A.1 Water Efficient Landscaping	• Limit conventional turf to < 25% of required landscape area • Limit conventional turf to < 50% of required landscape area • No conventional turf (warm season turf to < 50% of required landscape area and/or low water using plants are allowed) • Only California Native Plants that requires no irrigation or some supplemental irrigation	0 points 2 points 4 points 5 points	4
W2.A.2 Water Efficient irrigation systems	• Low precipitation spray heads < .75"/hr or drip irrigation • Weather based irrigation control systems or moisture sensors (demonstrate 20% reduced water use)	1 point 2 points	3
W2.A.3 Storm water Reuse Systems	Innovative on-site stormwater collection, filtration, and reuse systems are being developed that provide supplemental irrigation water and provide vector control. These systems can greatly reduce the irrigation needs of a project. Point values for these types of systems will be determined based upon design and engineering data documenting the water savings.	TBD	
W2.B Residential Potable Water			
W2.B.1 Showers	Water Efficient Showerheads (2.0 gpm)	2 points	2
W2.B.2 Toilets	Water Efficient Toilets (1.5 gpm)	2 points	2
W2.B.3 Faucets	Water Efficient faucets (1.28 gpm)	2 points	2
W2.B.4 Dishwasher	Water Efficient Dishwasher (6 gallons per cycle or less)	1 point	1
W2.B.5 Washing Machine	Water Efficient Washing Machine (Water factor <5.5)	1 point	1
W2.B.6 WaterSense	EPA WaterSense Certification	7 points	
W2.C Increase Residential Reclaimed Water Use			
W2.C.1 Recycled Water	5% of the total project's water use comes from recycled/reclaimed water	5 points	5
Reduction Measure R2-T1: Alternative Transportation Options			
T1.A Increase Residential Density			
T1.A.1 Residential Density	Designing the project with increased densities, where allowed by the General Plan and/or Zoning Ordinance, reduces GHG emissions associated with traffic in several ways. Increased densities affect the distance people travel and provide greater options for the modes of travel they choose. This strategy also provides a foundation for implementation of many other strategies which would benefit from increased densities. • 1 point is allowed for each 10% increase in density beyond 7 units/acre, up to 500% (50 points)	1–50 points	

Feature	Description	Assigned Point Values	Project Points
T1.B Mixed-Use Development			
T1.B.1 Mixed-Use	Mixes of land uses that complement one another in a way that reduces the need for vehicle trips can greatly reduce GHG emissions. The point value of mixed-use projects will be determined based upon a Transportation Impact Analysis (TIA) demonstrating trip reductions and/or reductions in vehicle miles traveled. Suggested ranges: • Diversity of land uses complementing each other (2–28 points) • Increased destination accessibility other than transit (1–18 points) • Increased Transit Accessibility (1–25 points) • Infill location that reduces vehicle trips or VMT beyond the measures described above (points TBD based on traffic data).	TBD	
T1.B.2 Residential Near Local Retail (Residential only Projects)	Having residential developments within walking and biking distances of local retail helps to reduce vehicle trips and/or vehicle miles traveled. The point value of residential projects in close proximity to local retail will be determined based upon traffic studies that demonstrate trip reductions and/or reductions in vehicle miles traveled (VMT) The suburban project will have at least three of the following on site and/or off site within ¼-mile: Residential Development, Retail Development, Park, Open Space, or Office. The mixed-use development should encourage walking and other non-auto modes of transport from residential to office/commercial locations (and vice versa). The project should minimize the need for external trips by including services/facilities for daycare, banking/ATM, restaurants, vehicle refueling, and shopping.	1–16 points	
T1.C Traffic Flow Management Improvements			
T1.C.1 Signal Synchronization	Techniques for improving traffic flow include: traffic signal coordination to reduce delay, incident management to increase response time to breakdowns and collisions, Intelligent Transportation Systems (ITS) to provide real-time information regarding road conditions and directions, and speed management to reduce high free-flow speeds. • Signal synchronization • Traffic signals connected to existing ITS	1 point/signal 3 points/signal	
T1.D Increase Public Transit			
T1.D.1 Public Transit Access	The point value of a projects ability to increase public transit use will be determined based upon a Transportation Impact Analysis (TIA) demonstrating decreased use of private vehicles and increased use of public transportation. • Increased transit accessibility (1–15 points)	TBD	
Reduction Measure R2-T2: Adopt and Implement a Bicycle Master Plan to Expand Bike Routes around the County			
T2.A.1 Sidewalks	• Provide sidewalks on one side of the street (required) • Provide sidewalks on both sides of the street • Provide pedestrian linkage between residential and commercial uses within 1 mile	0 points 1 point 3 points	
T2.A.2 Bicycle paths	• Provide bicycle paths within project boundaries • Provide bicycle path linkages between residential and other land uses • Provide bicycle path linkages between residential and transit	TBD 2 points 5 points	5

Feature	Description	Assigned Point Values	Project Points
Reduction Measure R2-T4: Electrify the Fleet			
T4.A.1 Electric Vehicle Recharging	• Provide circuit and capacity in garages of residential units for use by an electric vehicle. Charging stations are for on-road electric vehicles legally able to drive on all roadways including Interstate Highways and freeways. • Install electric vehicle charging stations for each residential unit included in the project. Projects that include charging stations for fewer than all units shall receive points on a proportional basis.	1 point 8 points	8
T4.A.2 Neighborhood Electric Vehicle (NEV) Infrastructure	NEVs are electric vehicles usually built to have a top speed of 25 miles per hour, and a maximum loaded weight of 3,000 pounds. • Provide NEV safe routes within project site. • Provide NEV safe routes between the project site and other land uses.	4 points 5 points	4
Reduction Measure R2-S1: Reduce Waste to Landfills			
S1.A.1 Recycling	County initiated recycling program diverting 100% of waste requires coordination in neighborhoods to realize this goal. The following recycling features will help the County fulfill this goal: • Provide green waste composting bins at each residential unit • Multi-family residential projects that provide dedicated recycling bins separated by types of recyclables combined with instructions/education program explaining how to use the bins and the importance or recycling	4 points 3 points	3
Other GHG Reduction Feature Implementation			
O.A.1 Other GHG Emissions Reduction Features	This allows innovation by the applicant to provide residential design features for the GHG emissions from construction and/or operation of the project not provided in the table. Note that engineering data will be required documenting the GHG reduction amount and point values given based upon emission reductions calculations using approved models, methods, and protocols.	TBD	
Total Points Earned by Residential Project:			115

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